

# CURRICULUM VITAE

VISHAL BHARDWAJ

IT Professional | Project Manager

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## PROFILE SUMMARY

I am an IT professional with over 15+ years of experience in delivering IT services for project management and data analytical support of government schemes. My work focuses on enhancing operational efficiency, ensuring timely execution, and enabling data-driven decision-making for effective governance and public service delivery.

## RESPONSIBILITIES

- **Project Management Support:** Designed and implemented IT systems to manage the full lifecycle of government schemes, from planning and execution to monitoring and reporting.
- **Data Analytics:** Provided analytical support to help stakeholders make informed decisions, using data-driven insights to improve program efficiency and effectiveness.
- **System Development & Integration:** Developed scalable and secure web-based applications tailored to the unique requirements of public sector initiatives.
- **Process Automation:** Streamlined administrative workflows and automated routine tasks to reduce manual effort and improve accuracy.
- **Collaboration with Stakeholders:** Coordinated with government departments, agencies, and vendors to align technical solutions with policy goals and operational needs.
- **Monitoring & Evaluation:** Built tools and dashboards to track progress, performance indicators, and compliance across various projects.
- **Documentation & Reporting:** Created technical documentation, user manuals, and periodic reports to ensure transparency and knowledge transfer.

## EMPLOYMENT DETAILS

[ 13 May 2024 to April 2025 ]

Sr. Software Engineer in AHASolar Technologies Ltd. at client side  
REC Limited, Gurugram

[ 21 March 2022 to 10 May 2024 ]

Project Manager in SISL Infotech Pct. Ltd. at client side Ministry of  
New and Renewable Energy, New Delhi

## Tools & Technologies:

- Project Management: Jira, Clickup
- Data Analytics & Reporting: Power BI, Excel, Python
- Database Management: MySQL, PostgreSQL, Microsoft SQL Server
- Web & Application Development: PHP (Zend Framework), Node.js (Express.js), React.js, Java
- Cloud Services: AWS (EC2, S3), Azure
- Dashboards: Custom admin dashboards, Power BI, Excel
- Documentation: MS Office Suite, Confluence, Google Workspace
- Version Control & CI/CD: Git, GitHub, GitLab, Bitbucket

## Highlighted PROJECT

Experienced in the development and project management of a large-scale web portal for the National Portal for Rooftop Solar, a key initiative under the Government of India's renewable energy mission.

## CERTIFICATIONS

- Certificate of Appreciation in AI & Machine Learning by C-DAC, New Delhi on March 2023
- Professional Certification in SCRUM Master by scrum.org on Oct 2022
- Oracle Certified Associate Java Programmer (OCAJP)

[ 29 Sept 2015 to 16 March 2022 ]

Senior Developer in Velocis System Private Ltd. at client side  
Ministry of New and Renewable Energy, New Delhi

[ 01 April 2014 to 28 September 2015 ]

Senior Programmer in IAP Company Private Ltd.

[ 27 December 2010 to 31 March 2014 ]

Programmer in IAP Company Private Ltd. at client side NATIONAL  
INFORMATIC CENTRE (NIC), New Delhi

[ 09 June 2009 to 24 December 2010 ]

Web Developer in Wellworth Research Services Pvt. Ltd. ,  
Gurgaon, Haryana

## EDUCATION

- Post Graduate Diploma in IT Management (2017-2020) From SYMBIOSIS Centre for Distance Learning
- B.Tech in Information Technology (2005-2009) From GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR (HARYANA)

## PROJECTS

1	<p><b>Name of assignment:</b> Implementation of PM-Surya Ghar: Muft Bijli Yojana through redevelopment of National Portal</p> <p><b>Year:</b> February 2024 – 31 March 2025      <b>Location:</b> Delhi, India</p> <p><b>Client:</b> REC Limited, and Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involves the development of modules for National Portal for processing solar rooftop applications and provide capacity building support to power distribution companies in India. Main features include portal development, project &amp; stakeholder mapping, automated process analysis, integrating multiple IT platforms, market leading IT technology deployment, and testing of new developments.</p> <p><b>Positions held:</b> Team Member</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"><li>• Providing technical support to REC Ltd. for development of modules for National Portal for Rooftop Solar and supervising in implementation of IT solutions.</li><li>• Undertaking capacity building activities for REC officials on various aspects of the National portal.</li><li>• Drafting a comprehensive IT process workflow and developing a consumer mobile application for processing of solar rooftop applications.</li><li>• Providing technical support to all state nodal agencies, state utilities, and Central Public Sector Undertakings (CPSUs) for portal development and adoption.</li><li>• Liaisoning and coordinating with state entities for handholding and capacity building related to portal redevelopment and implementation.</li><li>• Facilitating enrolment of commercial banks and Non-Banking Financial Corporations (NBFCs) on the National Portal.</li><li>• Facilitating integration of National Portal with JanSamarth Portal for streamlining of loan application processes.</li></ul>
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	<ul style="list-style-type: none"> <li>• Creating formats and fields for Management Information System (MIS) creation at multiple levels as per stakeholder requirements, including for solar rooftop application and loan processing, for progress monitoring.</li> <li>• Developing functionalities for generation of MIS reports for REC Ltd., MNRE, Distribution Companies (DISCOMs), and vendors for progress monitoring at state and national level.</li> <li>• Developing maker-checker functionality for solar rooftop subsidy-related verification and disbursement processes.</li> <li>• Undertaking bidirectional integration of National Portal with individual state utility portals. So far 19 such state utility portals have been integrated including that of Gujarat, Andhra Pradesh, and others.</li> <li>• Implementing robust security protocols to safeguard sensitive project and user data.</li> <li>• Conducting various maintenance activities for smooth operation of the portal.</li> </ul>
2	<p><b>Name of assignment:</b> Development of Unified Single Window Rooftop Solar PV Portal for Delhi Utility</p> <p><b>Year:</b> June 2024 – Ongoing      <b>Location:</b> Delhi, India</p> <p><b>Client:</b> BSES Rajdhani Power Limited (BRPL)</p> <p><b>Main project features:</b> The project involves the development of various modules for BRPL for streamlining and monitoring of solar rooftop applications covering various metering arrangements – net metering, group net metering and virtual net metering. Key features include portal development, project &amp; stakeholder mapping, automated process analysis, integrating multiple processes, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Team Member</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Providing technical support to BRPL for the development of various modules for their solar rooftop portal.</li> <li>• Integrating various individual monitoring processes into a single unified platform for efficient and streamlined process monitoring.</li> <li>• Drafting IT process workflows and SAP based Application Programming Interfaces (APIs) for automation of application processes with end objective of reducing application processing time.</li> <li>• Carrying out bi-directional integration with National Portal for regular updation of application status.</li> <li>• Developing user management system and DISCOM hierarchy management system to ensure information security and maintain robust access controls of application details.</li> <li>• Developing functionality for generation of MIS reports for progress monitoring by the DISCOM.</li> <li>• Conducting maintenance activities for smooth operation of the portal.</li> </ul>
3	<p><b>Name of assignment:</b> Development of Electric Vehicle (EV) portal for Gujarat Energy Development Agency (GEDA)</p> <p><b>Year:</b> September 2024 – Ongoing      <b>Location:</b> Gujarat, India</p> <p><b>Client:</b> Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, GEDA</p> <p><b>Main project features:</b> The project involves the development of an application for subsidy disbursement to promote EV adoption. Main features include project &amp; stakeholder mapping, automated process analysis, integrating multiple processes into a single portal, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Developing functionality for checking subsidy eligibility and subsidy amount basis EV brand, model and person disability, if any.</li> </ul>

	<ul style="list-style-type: none"> <li>• Developing subsidy payment module for direct transfer of subsidy to beneficiary accounts.</li> <li>• Creating hierarchical member logins with maker-checker functionality for account verification and technical verification.</li> <li>• Creating the functionality of in-built messaging within the application for verification of documents.</li> <li>• Creating MIS dashboard for progress monitoring and tracking of subsidy disbursal.</li> <li>• Developing functionality for generation of MIS reports for tracking subsidy disbursal and application status.</li> </ul>
4	<p><b>Name of assignment:</b> Development of New Simplified Portal for facilitating implementation of Grid-Connected Solar Rooftop Phase II Scheme</p> <p><b>Year:</b> February 2022 – December 2023      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involved development of a user-friendly portal for monitoring scheme implementation for residential consumers and facilitating timely subsidy disbursal directly to end consumers and incentives directly to state DISCOMs. Main features included project &amp; stakeholder mapping, automated process analysis, integrating multiple IT platforms, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Collaborated with a multidisciplinary team to design, implement, and test various web-based features.</li> <li>• Created user-friendly and efficient interfaces for government stakeholders and end consumers.</li> <li>• Developed the modules for subsidy disbursal directly to end consumers.</li> <li>• Developed the modules for incentive disbursal to DISCOMs.</li> <li>• Integrated real-time data reporting tools and MIS dashboards for progress monitoring of states in terms of solar rooftop capacity installation against target, subsidy disbursal, vendors onboarded, incentive disbursal, top performing states, etc.</li> <li>• Integrated individual solar rooftop portals of 84 DISCOMs unidirectionally and solar rooftop portals of 13 DISCOMs bidirectionally with the MNRE's Solar Rooftop Portal for real time monitoring of data and streamlined implementation of the scheme.</li> <li>• Implemented robust security protocols to safeguard sensitive project and user data.</li> <li>• Optimized website performance, enhancing load speed and accessibility.</li> <li>• Conducted various maintenance activities for smooth operation of the portal.</li> <li>• Integrated the portal with the PM Darpan Portal for monitoring at Prime Minister's level.</li> </ul>
5	<p><b>Name of assignment:</b> Development of portal for facilitating implementation of Grid-Connected Solar Rooftop Phase II Scheme</p> <p><b>Year:</b> August 2018 – January 2022      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involved development of a user-friendly portal for monitoring scheme implementation for residential consumers and facilitating timely incentive and subsidy disbursal to beneficiaries through the state DISCOMs. Main features included project and stakeholder mapping, automated process analysis, integrating multiple IT platforms, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Collaborated with a multidisciplinary team to design, implement, and test various web-based features.</li> <li>• Created user-friendly and efficient interfaces for government stakeholders.</li> </ul>

	<ul style="list-style-type: none"> <li>• Developed the modules for subsidy disbursal to DISCOMs on behalf of end consumers.</li> <li>• Developed the modules for incentive disbursal to DISCOMs.</li> <li>• Integrated real-time data reporting tools and MIS dashboards for progress monitoring of states in terms of solar rooftop capacity installation against target, subsidy disbursal, vendors onboarded, incentive disbursal, top performing states, etc.</li> <li>• Integrated individual solar rooftop portals of 13 DISCOMs with the MNRE's Solar Rooftop Portal.</li> <li>• Implemented robust security protocols to safeguard sensitive project and user data.</li> <li>• Optimized website performance, enhancing load speed and accessibility.</li> <li>• Conducted various maintenance activities for smooth operation of the portal.</li> <li>• Integrated the portal with the PM Darpan Portal for monitoring at Prime Minister's level.</li> </ul>
6	<p><b>Name of assignment:</b> Development of portal for facilitating implementation of Grid-Connected Solar Rooftop Phase 1 Scheme</p> <p><b>Year:</b> April 2015 – March 2017      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involved development of a user-friendly portal for monitoring scheme implementation for residential and government consumers and facilitating timely subsidy disbursal to beneficiaries through the state nodal agencies. Main features included project and stakeholder mapping, automated process analysis, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Collaborated with a multidisciplinary team to design, implement, and test various web-based features.</li> <li>• Created user-friendly and efficient interfaces for government stakeholders.</li> <li>• Developed the modules for subsidy disbursal to state nodal agencies on behalf of beneficiaries.</li> <li>• Integrated real-time data reporting tools and MIS dashboards for progress monitoring of states in terms of solar rooftop capacity installation and subsidy disbursal.</li> <li>• Implemented robust security protocols to safeguard project and user data.</li> <li>• Optimized website performance, enhancing load speed and accessibility.</li> <li>• Conducted various maintenance activities for smooth operation of the portal.</li> </ul>
7	<p><b>Name of assignment:</b> Development of BIOURJA portal for facilitating implementation of National Bioenergy Programme.</p> <p><b>Year:</b> April 2017 – January 2018      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involved development of a single window platform – BIOURJA for registering and submission of online applications for grant of subsidy to Waste to Energy projects, Biomass Briquette/Pellet manufacturing plants and Biomass (non-bagasse) based cogeneration projects. Main features included project and stakeholder mapping, automated process analysis, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>• Developed portal fields and created relevant forms to be used for submission of applications by registered interested users.</li> <li>• Coordinated and liaised with MNRE and state agencies to gather requirements and inputs for portal development.</li> <li>• Created MIS dashboard for tracking of subsidy applications and subsidy disbursal.</li> <li>• Implemented robust security protocols to safeguard project and user data.</li> </ul>

	<ul style="list-style-type: none"> <li>Conducted various maintenance activities for smooth operation of the portal.</li> </ul>
8	<p><b>Name of assignment:</b> Development of in-house banking system for National Informatics Centre (NIC)</p> <p><b>Year:</b> December 2010 - March 2014      <b>Location:</b> India</p> <p><b>Client:</b> National Informatics Centre (NIC)</p> <p><b>Main project features:</b> The assignment involved development of a loan management portal for employees of NIC. Main features included project and stakeholder mapping, automated process analysis, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>Led the design of the banking system, ensuring user-friendly interface and robust system architecture.</li> <li>Conducted requirement gathering by collaborating with stakeholders to understand business needs and translate them into technical specifications.</li> <li>Developed the framework for portal development.</li> <li>Created MIS dashboard for tracking of loan applications and loan amount.</li> <li>Organized capacity building sessions and provided training to NIC management and employees, helping them adapt to the portal functionalities.</li> <li>Conducted various maintenance activities for smooth operation of the portal.</li> </ul>
9	<p><b>Name of assignment:</b> Development of portal for facilitating implementation of Solar Water Heater Scheme</p> <p><b>Year:</b> April 2014 – March 2015      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The assignment involved development of a portal for monitoring the implementation of Solar Water Heater Scheme across the country, facilitating RE uptake. Main project features included project and stakeholder mapping, automated process analysis, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>Collaborated with a multidisciplinary team to design, implement, and test various web-based features.</li> <li>Created user-friendly and efficient interfaces for both government stakeholders and public users.</li> <li>Integrated real-time data reporting tools and MIS dashboards for progress monitoring of solar energy system performance and participation metrics.</li> <li>Implemented robust security protocols to safeguard sensitive project and user data.</li> <li>Optimized website performance, enhancing load speed and accessibility.</li> <li>Conducted various maintenance activities for smooth operation of the portal.</li> </ul>
10	<p><b>Name of assignment:</b> Development of MNRE Human Resource Development (HRD) Portal for Internship Scholarship Program</p> <p><b>Year:</b> February 2018 – July 2018      <b>Location:</b> India</p> <p><b>Client:</b> Ministry of New and Renewable Energy (MNRE), Government of India (GoI)</p> <p><b>Main project features:</b> The project involved development of MNRE HRD Portal to support the development of skilled manpower in the RE sector. Main features included project and stakeholder mapping, project coordination, implementation of IT solutions, and testing of new developments.</p> <p><b>Positions held:</b> Project Manager</p> <p><b>Activities performed:</b></p> <ul style="list-style-type: none"> <li>Developed portal fields and created relevant forms to be used for internship application submission by interested individuals.</li> </ul>

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|  | <ul style="list-style-type: none"><li>• Coordinated and liaised with MNRE to gather requirements and inputs for portal development.</li><li>• Implemented robust security protocols to safeguard project and user data.</li><li>• Conducted various maintenance activities for smooth operation of the portal.</li></ul> |
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**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal.

V. Bhardwaj

Signature

Date: May 2025