

Curriculum Vitae

Rohan Raparthy

Age: 25 Years

Objective:

Experienced professional with a strong foundation in **Solar PV Design and Operations Management**, aiming to utilize technical proficiency and leadership abilities while transitioning into a **DevOps Engineer**. Dedicated to enhancing efficiency, implementing automation, and fostering ongoing improvements within software development and deployment procedures.

Professional Experience		
Company	Designation	Duration
Unisolar Power Private Limited	Associate Design Engineer	13/07/2020 –30/06/2022
Unisolar Power Private Limited	Asst. Operations Manager	01/07/2022-30/03/2023

Work Experience: Asst. Operations Manager (01/07/2022-30/03/2023)

- Operational Management: Assisting the Operations and Design Manager in handling the everyday operations of solar projects, including installation, maintenance, and performance monitoring. This includes communicating with field workers, managing schedules, and ensuring projects are completed efficiently and under budget.
- Design Assistance: Working with the design team to create accurate and optimized solar PV system layouts.
- Assisting with project coordination initiatives, such as coordinating with subcontractors, vendors, and suppliers to guarantee timely delivery of equipment and materials.
- This may include handling procurement processes, negotiating contracts, and monitoring project timeframes.
- Collaboration in Teams: working together with cross-functional teams, such as engineers, project managers, and installation crews, to make it easier to communicate and work together.
- Reporting and documentation: ensuring that project activities, such as design modifications, equipment specifications, and project milestones, are accurately documented.
- Moreover, creating reports to follow project progress, execution measurements, and likely issues.

Work Experience: Associate Design Engineer (13/07/2020 –30/06/2022)

- Assisting senior designers in the creation of solar PV system plans while considering site conditions, shading analyses, electrical requirements, and client preferences.
- System modelling is the process of using solar PV design software to create accurate system models that include factors such as module types, string arrangements, and inverters.
- Site Assessment: Conducting site visits to evaluate potential solar PV installations, gathering data on roof condition, orientation, and available space, and assisting in site feasibility review.
- Assisting with the development of technical paperwork, such as drawings, specifications, and reports, to guarantee compliance with industry standards and laws.
- Collaboration entails working with cross-functional teams such as project managers, engineers, and installation teams to guarantee smooth coordination throughout the design and implementation processes
- Assisting in quality control methods, such as checking designs for accuracy and completeness, identifying potential issues or changes, and taking part in design reviews.

	<ul style="list-style-type: none"> Research and development entails keeping up to speed on emerging technologies, industry trends, and best practises in solar PV design in order to contribute to the continual improvement of design processes and system performance. Compliance and safety include following safety measures and ensuring that designs adhere to local norms, regulations, and safety standards.
Academic Qualification	<ul style="list-style-type: none"> Bachelor of Technology – Tirumala Engineering College, Hyderabad Electronics and Communication Engineering – 2016-2020
Professional Achievements	<ul style="list-style-type: none"> Won 'Superstar of the year' award in the year 2021. Core team member for achieving Performance grant and SGST reimbursement under innovation policy 2017-2022. Developed a new project manager training program that increased productivity by 15%.
Technical skills	<ul style="list-style-type: none"> Version Control System: Git CI/CD: Jenkins, Basics in Travis CI. Configuration Management: Ansible Containerization and Orchestration: Docker, Docker Hub, Kubernetes Infrastructure as Code (IaC): AWS CloudFormation, Terraform Monitoring and Logging: Prometheus, Grafana Collaboration and Communication: Asana, Slack Networking and Security: TCP/IP, DNS, SSH and load balancers Operating Systems: Windows, Linux, Basics in Ubuntu Programming Languages: Python, Java, Maven tool Test Automation: Selenium, JUnit
Personal skills	<ul style="list-style-type: none"> A powerful communicator with the ability to translate desired requirements into actionable plans. Highly organized and efficient Ability to work independently or as part of a team Proven leadership skills and ability to motivate Excellent written and verbal communication skills
Personal Details	
Mother Name	Sunitha Raparathi
Father Name	Laxmikanth Raparathi
Gender	Male
Nationality	Indian
Date of Birth	30-03-1998
Per.Address	Hno:8-205, BB Colony, Ghatkesar, Medchal Malkajgiri District, Telangana-501301
Res.Address	Hno:4-72, 1 st Floor, Kasturi Nilayam, Ganesh Nagar, Narapally, Medchal Malkajgiri District, Telangana-500088
Languages	English, Hindi, Telugu
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I declare that the above information is true to the best of my knowledge and that I am responsible for any deviation from the truth of these facts.

Rohan Raparathi