

Education

Master of Engineering Management, CGPA: 3.7
Pennsylvania State University Harrisburg

Jan 2023- Dec 2024

Bachelor of Electrical and Electronics
Ramaiah Institute of Technology

Aug 2018- Sept 2022

Work experience and internships

Graduate Wage Associate, Pennsylvania State University

Sept 2023 – Present

- Assist faculty in special project.
- Laboratory instruction & grading assignments of 140 undergraduate students.

Teaching Assistant, Pennsylvania State University

Jan 2023 – Dec 2023

- Assisted students in Digital Design, Electrical Communication course and developed course modules.
- Led hands-on sessions and expedited grading for junior engineers in Control Systems and Electromagnetism, enhancing learning and practical skills.

Marketing Operations Intern, Incredible India Projects Pvt Ltd

May 2022 - Dec 2022

- Develop standards and processes for marketing operations, including 15 templates and workflows.
- Assist project managers with risk logs, project status, and resource scheduling for 10 projects and a team of 25
- Manage and update the CRM with 500+ client records with their property listings.

Engineering Intern, Bharat Electronics Ltd

April 2022 -May 2022

- As an overview engineer in a government-owned organization specializing in avionics and electronic warfare.
- Took on the responsibility of product management, focusing product life cycle of RWR (Radio warning receiver)
- Performed quality testing's and operated THV (temperature, humidity, and vibration) chamber.

Quality and Project Management Intern, New Tech Transformers Pvt Ltd

May 2021-Aug 2021

- Assisted in quality assurance for transformer manufacturing, ensuring ISO 9001 compliance
- Supported project management activities: timeline management, resource allocation, and risk assessment
- Conducted root cause analysis and implemented corrective actions to enhance product quality
- Utilized Microsoft Project and Primavera P6 for project tracking & reporting

Academic projects

Health Insurance company Database

- Developed a SQL database for health insurer record management, handling 300+ patient profiles.
- Included demographics, physician, and insurance ID data for comprehensive record-keeping.
- Enhanced targeted marketing capabilities through detailed patient information analysis.

Dripper Design and Manufacturing Project

- Excelled in project management, leading the design-to-manufacturing lifecycle of a high-quality dripper on time.
- Demonstrated product management expertise by engineering a micro-irrigation dripper tailored to agri- needs.
- Employed Primavera P6 for superior project timeline coordination and task execution.

EV Charging Management System

- Developed priority-based scheduling algorithms to optimize electric vehicle charging and minimize wait times as part of a software system to aid EV charging station management.
- Pioneered the design of an SQL database for metadata analysis on electric vehicle catalogs and tariffs.
- Crafted mathematical models for prioritization and ROI to steer strategic decisions.

Keurig Dr. Pepper's alcoholic beverage project

- Oversaw Keurig Dr. Pepper's alcoholic beverage project, blending project and marketing management.
- Conducted detailed market analysis, informing strategic direction and partnership selection.
- Utilized Primavera P6 for meticulous project timeline management.
- Crafted and deployed a marketing plan, aligning with consumer trends and business goals.

Technical skills

Certificates: PMI CAPM (Certified associate in project management) (On-going),
AIGPE six sigma: lean six sigma green belt certification (accredited)(In-Progress),
Google Project Management Professional Certificate, Business Analytics with Excel: Elementary to Advanced: Johns Hopkins university MATLAB Training for Engineering Students Workshop by IEEE April 2021, Learn to Design Your Own Solar Home System by Energy Swaraj Foundation-sept 2020

Tools: Microsoft Project, Figma, Confluence, JIRA, Primavera P6, MATLAB, Microsoft Excel/Office, Database management systems (DBMS) MySQL, Minitab, tableau, Search Engine optimization (SEO), Python.