KANIKELLA PRAKASH

6-59, Kakinada, AP, India • +91 9963386095 • prakashkanikella7@gmail.com
Linkedin • Portfolio • Github

SUMMARY

Chemical Engineering student at NIT Calicut with expertise in project management, data analysis, and process optimization. Completed industrial training at Yokohama MNC, gaining hands-on experience in chemical engineering operations. Skilled in machine learning and front-end development, with a proven ability to collaborate across teams and drive innovation in industrial settings. Passionate about leveraging analytical and technical skills to enhance operational efficiency and deliver measurable results.

WORK EXPERIENCE

Industrial Trainie, Yokohama — June 2024 - July 2024

- Applied core principles of industrial engineering to optimize workflows, resulting in a 10% improvement in operational efficiency.
- Gained hands-on experience with industry standards and practical applications in chemical engineering.
- Enhanced problem-solving skills by tackling real-world challenges in a corporate setting.

Frontend Intern, Skolar In — Jan 2023 - March 2023

- Designed and implemented responsive web structures and front-end components using HTML, CSS, and JavaScript for various clients.
- Collaborated with peers to deliver high-quality projects, achieving 100% client satisfaction.

PROJECTS

Predictive Maintenance for Centrifugal Pumps - Link

- Developed a machine learning model to predict equipment failure using operational and sensor data, reducing downtime by 20% and optimizing maintenance schedules.
- Utilized Python, Pandas, and Scikit-learn for data analysis and model development.

Power Plant Optimization Using Data-Driven Models - Link

- Built a machine learning model to analyze and optimize chemical process parameters, resulting in a 15% improvement in efficiency and 10% reduction in operational costs.
- Tools used: Python, NumPy, and Matplotlib for data visualization.

Iste Blog Website - Link

- Designed and developed a responsive blog platform with 100+ articles, enabling seamless user engagement and efficient content management.
- Technologies used: HTML, CSS, JavaScript.

Personal Portfolio - Link

- Created a responsive personal portfolio showcasing skills, projects, and achievements using modern web technologies.
- Achieved 95% user satisfaction based on feedback.

EDUCATION

National institute of technology Calicut — 2022 - 2026
Bachelor's Degree in Chemical engineering

MPS JR COLLEGE — 2020 - 2022

- Intermediate - Mathematics, physics, chemistry
- GPA: 9.1

CLUB ROLES

Technical Head, ISTE Club

- Led the development and maintenance of the club's website, increasing club engagement by 30%.
- Organized 10+ technical events, boosting visibility and participation.

Senior Head, Program Committee, IEDC Club

- Collaborated with cross-functional teams to ensure smooth execution of 100+ cultural events.
- Facilitated brainstorming sessions to generate innovative event ideas, resulting in a 20% increase in attendee.

Expo and Marketing committees Lead,Tathva-23,24

- Engaged tech companies and executed marketing for annual tech expo
- Negotiated partnerships to enhance event impact

ADDITIONAL INFORMATION

- Technical Skills: Strong organizational skills, leadership & communication abilities, frontend development with HTML, CSS, and JavaScript, data analysis expertise, proficiency in Power BI, Python and its libraries, time-management skills, and knowledge of machine learning.
- Languages: English, Hindi, Telugu, Malayalam
- Certifications: Industrial Training Certificate, Internship Completion Certificate