

# 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 Trainee, 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

- GPA - 6.73

### 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](#)