# ROHIT PRASAD

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## EDUCATION

**Kalinga Institute of Industrial Technology**, Bhubaneswar, OD      2020 - 2024
B.Tech, Computer science and engineering      Percentage : 88.2%

## SKILLS

| | |
|---|---|
| **Languages** | C, C++, Python, Java, SQL, JavaScript, HTML, CSS |
| **Frameworks** | Flask, Bootstrap, Next.js |
| **Skills** | Object Oriented Programming, Machine Learning, Data Structure and Algorithms |
| | DataBase Management, Software Development |
| **Libraries** | Numpy, Matplotlib, TensorFlow, Scikit-learn, Pandas, Open-CV |

## EXPERIENCE

**Product Engineer**      Nov 2024 - Present
Tata Consultancy Services Limited (TCS)      *Pune, MH*

- Developed a proactive monitoring framework that reduced unplanned downtime by 30% during traffic spikes and improved platform reliability enhancing user experience.
- Designed and implemented the configuration service that fetches metadata from a global database into the monitoring application, enabling monitoring of integrated applications.
- Built the Silent Period Module, enabling configurable time-based alert suppression (daily, weekly, monthly), minimizing alert fatigue by 40%. Also configured email-based alert notifications using iON's internal mailing system to notify stakeholders based on severity levels (info, warning, critical) enabling timely communication to product owners
- Integrated scheduler-based pulling architecture, fetching transactional data from integrated applications hourly and processing it for trigger threshold checks resulting in early anomaly detection
- Initiated future-ready auto-remediation support by enabling alert-triggered execution of pre-configured scripts for infrastructure scaling and recovery reducing manual intervention during high-load incidents.

**Analytics and Machine Learning Intern**      Aug 2023 - Jan 2024
HighRadius Technologies      *Hyderabad, TS*

- Implemented a dynamic search feature in Dot-One, resulting in a 30% increase in user engagement and a improvement in accessibility, enhancing the overall user experience.
- Introduced a chatbot system to address client queries, leading to improved client interactions and issue resolution.
- Integrated an AI model for predicting invoice order amounts, implementing regression techniques and leveraging a comprehensive dataset for accurate predictions.

## PROJECTS

**Covid19 Detection from Xray image** | *Python and TensorFlow*      *Github-Link*

- Developed a COVID-19 detection model using deep learning and CNNs on X-ray images for early diagnosis, supporting healthcare professionals in pandemic management.

**AI-Enabled FinTech B2B Invoice Management Application** | *ReactJS, SQL, Java, Jdbc*      *Github-Link*

- Developed an AI-powered FinTech B2B invoice app, streamlining CRUD operations. Enhanced efficiency and transparency by automating invoice handling, reducing manual effort for businesses.

## TRAINING & ACTIVITIES

- **Programming Skills:** Solved 500+ on Leetcode, 200+ Questions on GeeksForGeeks      *Link*
- **Smartinternz - Virtual Internship Program of salesforce**      *Certificate*