

Alok Ranjan Joshi

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PROFILE SUMMARY

Full Stack Developer skilled in MERN, Python, AWS, and CI/CD. Experienced in building scalable web apps, automation frameworks, and REST APIs. Strong in React, Redux, Node.js, MongoDB, and Linux with a focus on performance, security, and clean code.

EDUCATION

- Odisha University of Technology and Research (formerly known as CET)** Bhubaneswar, Odisha, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.02 August 2020 - June 2024
- Adyant Higher Secondary School** Bhubaneswar, Odisha, India
Senior Secondary Education (CHSE); Percentage: 77.1 2019
- Chamar Meher High School** Bangomunda, Odisha, India
Secondary Education (BSE); Percentage: 86.33 2017

SKILLS SUMMARY

- Programming Languages:** Java, Python, JavaScript, C, C++, SQL, Bash
- Web Development:** React.js, Node.js, Express.js, Redux
- Database Technologies:** MongoDB, MySQL, SQL
- Networking & Protocols:** GPON, TCP/IP, Computer Networks, VLAN
- DevOps & Tools:** AWS(EC2, S3, IAM, CLI), Linux, Bash Scripting, Vagrant, CI/CD, Git
- Tools/Platforms:** Visual Studio, Bugzilla, Wireshark, Spirent, MobaXterm, CVS, MS Office, Linux, Windows, GitBash, GitHub
- Soft Skills:** Leadership, Event Management, Writing, Attention to detail, Time Management

EXPERIENCE

- Tejas Networks Limited** *August 2024-Present*
 - SDET**
 - Developed a scalable automation framework SAS (Simple Automation System) using React and Redux.
 - Deployed automation framework on Tejas internal servers for organization-wide access.
 - Built Python-based framework to handle multiple node types for automation testing.
 - Designed and implemented 40+ Python APIs that will be used for automation script execution.
 - Migrated automation codebase and infrastructure to GitLab for streamlined operations.
 - Created and maintained GitLab CI/CD pipelines for smooth code synchronization.
 - Configured and managed cron jobs to sync GitLab and server repositories.
 - Resolved critical production issues under tight deadlines with quick debugging.
 - Experimented with AWS EC2 and S3 for initial SaaS deployment.
 - Utilized Python, React, Redux, AWS, Linux, Bash, GitLab, and CI/CD tools effectively.
- Itobuz Technologies** *January 2024-April 2024*
 - SDE, Intern**
 - Built SPA frontend using Vanilla JavaScript, HTML5, and CSS3 without frameworks.
 - Created RESTful APIs using Express.js and MongoDB for backend services.
 - Integrated frontend and backend using React.js, Axios, and Fetch API.
 - Designed responsive, modern UI with Bootstrap and Tailwind CSS.
 - Debugged and optimized code to improve frontend performance and modularity.
 - Collaborated in an Agile environment using Git, pull requests, and standups.

PROJECTS

- Financo (Internship Project):** Built a finance web application during internship using the MERN stack with Redux for state management. Integrated a payment gateway and developed separate customer and admin dashboards for streamlined user interaction and backend control.

OTHER INTERESTS

- Building personal projects.**
- Developing small apps or tools.**