

# PRASAD R MUTNALE

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## Summary

Results-driven Software Engineer with hands-on experience in full-stack development, LLM integration, and real-time systems. Delivered scalable, AI-powered solutions using Node.js, React, and AWS, improving deployment efficiency by up to 30%. Thrives in fast-paced remote teams and consistently ships production-grade features with measurable impact.

## Technical Skills

**Languages:** JavaScript, TypeScript, Java, C++  
**Databases:** MongoDB, MySQL, PostgreSQL, Redis  
**AI/LLM:** Gemini AI, Vercel AI SDK  
**Frameworks:** Node.js, Express, NestJS, React, Prisma, REST APIs  
**Cloud/DevOps:** AWS, Docker, RabbitMQ, Elasticsearch, Git, CI/CD  
**Tools:** Postman, VS Code, Cursor, Jira  
**Methodologies:** Agile, Scrum, Unit Testing

## Experience

Software Engineer

Feb 2025 – Present

*SproutsAI, California, USA (Remote — Bangalore, India)*

- Led development of the Organization Module in Sprouts ATS, improving department configuration efficiency by 40%.
- Built scalable RESTful APIs using Node.js and Express, enhancing system performance by 25%.
- Developed dynamic React components, reducing user onboarding time by 30%.
- Collaborated with cross-functional teams to ensure 100% on-time delivery in Agile sprints.
- **Stack:** React.js, Node.js, Express, MongoDB, REST APIs

Software Engineer Intern

Sep 2024 – Feb 2025

*SproutsAI, California, USA (Remote)*

- Created LLM-based Slack bot to automate recruitment tasks, reducing manual efforts by 60%.
- Designed backend systems to manage workflows with Gemini AI and Vercel SDK.
- Built tools for real-time pipeline tracking with persistent conversation memory.
- **Stack:** TypeScript, Node.js, MongoDB, Slack SDK, Vercel SDK, Gemini AI

Backend Developer Intern

Jan 2024 – May 2024

*Abhiyantrik Solutions, Hubli, India*

- Spearheaded backend development and API integrations, improving performance by 20%.
- Optimized MQTT communication and streamlined AWS deployments, cutting deployment time by 30%.
- Accelerated CI/CD pipelines, reducing dev cycles by 25%.
- **Stack:** TypeScript, Node.js, Express, MySQL, Redis, AWS, MQTT

## Projects

Smart System for Lung Cancer Detection — Django, React, ResNet-50

Source

- Built an image classifier with ResNet-50, achieving 90% accuracy on 1,400 CT scans.
- Created Django-React interface for seamless diagnostic experience.

Video-Based Yoga Pose Detection — CNN + LSTM, Django

Source

- Developed an 81%-precision LRCN model to detect yoga poses from video.
- Published results in IEEE I2CT Conference.

Healthcare Facility Admin Portal — MERN Stack

Source

- Built full-stack system to manage student-doctor appointments, reducing manual workload by 40%.
- Automated doctor assignment and notification workflows.

Car Decor Simulation — C++, Design Patterns

Source

- Created modular C++ app using Factory and Singleton patterns for car customization.

## Education

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**KLE Technological University**

*B.E. Computer Science and Engineering*

**2024**

*CGPA: 8.40*

## Certificates

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- Node.js (Basic) – HackerRank [↗](#)
- Backend Development  
API – FreeCodeCamp [↗](#)
- JavaScript – Codedamn [↗](#)
- AWS Cloud 101 – AWS Educate [↗](#)