

GANESH ANGADI

DevOps Engineer

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PROFESSIONAL SUMMARY

DevOps-focused engineering student with strong Linux fundamentals and hands-on experience building real-time distributed systems. Skilled in backend architecture, CI/CD pipelines, and infrastructure automation. Built production-style platforms including a GPS-based smart bus tracking system and currently developing a mobile-first CI/CD observability platform for monitoring distributed deployment pipelines.

PROJECTS

MY(suru) BUS — Real-Time Smart Bus Tracking System

Technologies: Node.js, PostgreSQL, React Native (Expo), Next.js, Socket.io

- Built a real-time GPS bus tracking platform enabling live bus location and ETA visibility for passengers.
- Implemented geofence-based stop detection to automatically identify bus arrival at stops.
- Designed backend services using Node.js and PostgreSQL for route and trip management.
- Developed offline-first driver location syncing to maintain reliability during network outages.

CI/CD Sentinel — Mobile-First CI/CD Observability Platform

Technologies: React Native (Expo), Node.js, GitHub Actions APIs

- Designing a CI/CD observability platform that aggregates pipeline execution events across GitHub Actions, Vercel, and Render.
- Aggregating pipeline execution events and deployment states into a centralized monitoring system.
- Implementing real-time alerts for build failures and deployment issues.
- Building a mobile-first monitoring interface using React Native.

TECHNICAL SKILLS

Operating Systems	Linux
DevOps & Tools	Docker, Git, GitHub, CI/CD Pipelines, Bash
Backend Development	Node.js, PostgreSQL
Frontend / Mobile	Next.js, React Native (Expo)

PROGRAMMING LANGUAGES

JavaScript, Python, C, C++, Java, Shell, HTML, CSS

EDUCATION

Bachelor of Engineering (Computer Science)

2023 – 2027

Maharaja Institute of Technology Mysore

Pre-University (PU)

2021 – 2023

Devika PU Composite, Ranebennur

ADDITIONAL HIGHLIGHTS

- Strong Linux fundamentals including users, permissions, processes, networking, and system troubleshooting.
- Experience designing real-time backend systems using WebSockets and event-driven communication.
- Focus on reliability and observability in system design, prioritizing fault tolerance and monitoring.