KUNDANGOWDA N

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Education

N.M.A.M Institute of Technology (Visvesvaraya Technological University)   **Aug 2020 - Jun 2023**
Bachelor of Engineering in Electronics and Communication.   Udupi, Karnataka.

Relevant Coursework

- Object-oriented Programming Java
- Python Programming
- Database Management System
- Embedded Linux
- Software Engineering Practices
- Computer Architecture

Technical Skills

Languages & Frameworks: Java, Python, TypeScript, SQL, REST APIs
Frontend & Backend: Angular, Node.js (Express.js)
Cloud & DevOps: AWS, Jenkins, Docker, Kubernetes, Linux
AI & Automation: ChatGPT, Claude AI, DeepSeek, RAG, LLMs
Developer Tools: VS Code, Eclipse, Git, GitHub, Bash scripting
Monitoring & Observability: Datadog, SplunkCloud

Experience

Fidelity Investments   **Feb 2025 – Present**
Software Engineer Apprentice   Bangalore, Karnataka

- Developed Research Experience applications with Angular and Node.js, enhancing frontend efficiency through modular TypeScript components and optimized state management.
- Assisted in migrating backend APIs from GraphQL to REST, validating performance improvements and ensuring reliable data responses.
- Automated end-to-end tests with Playwright for Research Experience apps, improving test reliability and speed.
- Configured and executed performance tests to detect and resolve JavaScript memory leaks in production pods.
- Built Datadog and Splunk dashboards, queries, and alerts across multiple vertical applications, improving monitoring and incident response.
- Supported incident response activities by monitoring alerts, analyzing logs in Datadog and Splunk, and assisting in root-cause resolution for production issues.

Projects

JumpIn.AI – Onboarding Chatbot (Fidelity Investments) | Python, DeepSeek LLM, Vector DB   **April 2025**
- Collaborated with a cross-functional team to build JumpIn.AI, an internal chatbot for new joiners onboarding.
- Designed and implemented a Retrieval-Augmented Generation (RAG) workflow using DeepSeek LLM to answer queries from internal Confluence documentation.
- Improved new hire onboarding efficiency by reducing manual document navigation and support dependency.

Course Management System | React, Next.js, Tailwind CSS, Supabase   **November 2024**
- Developed an interactive course management application using ChatGPT.
- Built frontend with Next.js and Tailwind CSS, connecting to Supabase for database, authentication, and environment variable management.
- Implemented authorization and secure data handling using Supabase UI components.

Weather Application | HTML, CSS, JavaScript, OpenWeatherMap API   **March 2024**
- Developed a web application to display current weather and forecasts for any location worldwide.
- Integrated OpenWeatherMap API to fetch and display real-time weather data dynamically.

Certifications

- AI Foundations Associate: Oracle
- Docker for Beginners: Coursera
- Web Development Fundamentals: IBM Skills Build
- Introduction to Cloud 101: AWS
- Google Cloud Computing Foundations: Google Cloud

Soft Skills: Excellent communication, Collaboration & Teamwork, Adaptability & Learning Agility.
Languages Known: Fluent in English, Hindi, Kannada.