Rakshan Shetty

Full Stack and GenAI Engineer
rakshanshetty2003@gmail.com | +91 9632612163 | Remote (India, IST)
rakshan-shetty.netlify.app | github.com/Rakshan001 | linkedin.com/in/rakshan-shetty-953864225

SUMMARY

Full stack engineer with 2 years of production experience in React, Next.js, Node.js and Python, and hands-on work building LLM features with RAG, LangChain and the Gemini API. At Foxwel.ai, designs the architecture of a business operations platform and leads the team building it. Before that, led the build of hobbyistdecals.com, a decal store shipping to 42 countries. Maintains Baton, an open source tool for running several AI coding agents on one codebase.

SKILLS

Languages TypeScript, JavaScript, Python, SQL, PHP, Java
Frontend React, Next.js, React Native, Redux, Tailwind CSS, Vite, server-side rendering
Backend Node.js, Express, Django, Flask, REST APIs, Server-Sent Events, JWT auth, RBAC, microservices
GenAI and LLMs RAG, LangChain, LangGraph, LangSmith, Gemini API, OpenAI API, AI agents, multi-agent orchestration, embeddings, vector search, prompt engineering, MCP
Machine Learning TensorFlow, Keras, CNNs, Scikit-learn, OpenCV, NLP
Data and Infra MongoDB, PostgreSQL, MySQL, SQLite, Redis, AWS (EC2, S3, SES), Docker, GitHub Actions, CI/CD, Git, Vitest, Agile

EXPERIENCE

Senior Software Developer, Foxwel.ai, Remote (Hybrid) **Mar 2026 to present**

- Designing the architecture for an all-in-one business platform for client companies, covering team chat, orders, the product catalog and inventory, and Google Drive-style file storage.
- Lead the team through the build, from the data model and API contracts to each release.
- Built the file storage module (folders, uploads, sharing, role-based permissions) in Next.js, TypeScript and Node.js, and integrated the Gemini API into the platform.

Software Development Engineer (Product Owner), Anave Enterprises LLP, Bengaluru **May 2025 to Jul 2026**

- Led architecture and design for hobbyistdecals.com, a MERN decal marketplace. Worked with the team on custom order intake, a design approval loop between customers and the studio, and customer messaging.
- Wrote the REST APIs for order tracking, split payments, affiliate marketing and loyalty points, and integrated the payment gateway and Shiprocket.
- Added a RAG chatbot over the catalog and order history, built with LangChain and traced in LangSmith, so customers can ask about products and their orders.
- Shipped 3 React and Next.js web apps used by 500+ active users, with server-side rendering and per-user access control.
- Rebuilt Google Drive-style file management inside the company CRM on the Drive API, including nested folders, sharing and permissions.
- Built React Native apps, one of them with real-time chat and video calling.
- Brought page load down from 5s to 0.5s by refactoring, and cut deploy time by 60% with GitHub Actions.

Full Stack and AI/ML Intern, Accolade Tech Solutions Pvt Ltd, Mangalore **Jan 2025 to May 2025**

- Built e-commerce and healthcare portals in Node.js, PHP and MySQL. Trained ML models to 95% accuracy and put them behind web interfaces with multilingual NLP and a chatbot.

AI/ML Intern, Entertainment Technologists, Los Angeles (remote) **Sep 2024 to Nov 2024**

- Worked on an image captioning app in Python and Flask with OpenCV and OpenAI models. Swapping in newer open source models improved performance by 70%.

PROJECTS

Baton, open source. TypeScript, Node.js, React, SQLite, MCP. github.com/Rakshan001/Baton-Multi-Agent-

- Lets Claude Code, Cursor, Codex, Gemini, Aider and OpenCode work in the same repository without overwriting each other, and pass a plan from one agent to the next. 16,000 lines of TypeScript, 641 tests, no runtime dependencies.
- Gives every task its own git worktree, while a small Node daemon streams who is editing what over SSE. Moving to one shared backend saved about 720 MB of memory across 5 projects.
- Remembers facts tied to a commit and file hash, and stops serving them once that file changes. Ships as a CLI, a React dashboard and an MCP server.

Brain Stroke Prediction. Python, Flask, TensorFlow, Scikit-learn, OpenCV
Classifies brain CT scans with an ensemble of 5 models using weighted voting, at 96% accuracy on a held-out set.

Blind Voting System. Python, Google TTS, Speech Recognition, NLP
Voice-only voting for visually impaired users in 3 languages, at 96% speech recognition accuracy. Best final year project award.

CERTIFICATIONS

Python Programming | Full Stack Web Development | Machine Learning | Robotic Process Automation | IoT Workshop

EDUCATION

B.E. Computer Science (AI and ML), Canara Engineering College, Bantwal. CGPA 8.5/10 2021 to 2025