

Akhil K

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EDUCATION

Indian Institute of Information Technology Kottayam 2023 – Present
B.Tech in CSE (Specialization in AI and Data Science) CGPA: 8.7 / 10.0

EXPERIENCE

Denvak LLP (denvak.com) Dec 2024 – Dec 2025
App Development Internship Remote

- Built a mobile app for dentists to manage patients, appointments, and records efficiently
- Integrated SVG-based animations, payment APIs, and secure digital authentication
- Tech stack: Flutter, Firebase, Razorpay, Google APIs

Hello Truck Logistics Platform (Demo Videos) Oct 2025 – Jan 2026
Freelance Full-Stack Developer Remote

- Architected production-grade on-demand logistics platform connecting customers with verified drivers
- Built real-time driver assignment engine using Redis geospatial caching and BullMQ job queues
- Developed cross-platform Flutter apps with live GPS tracking, turn-by-turn navigation
- Integrated Razorpay payments, automated RazorpayX payouts, wallet systems

SpareItUp Automotive Technologies (spareitup.com) May 2025 – Aug 2025
Software Development Internship Remote

- Built an AI-powered automotive parts platform transforming the search and purchase experience
- Developed full-stack features using Flask, PostgreSQL, React
- Built intelligent search with CNNs, FAISS vector indexing, and Transformers
- Handled production deployment with Docker, Gunicorn, and Nginx

The Zulip Open Source Project (zulip.com) Feb 2025 – May 2025
Open Source Contributor Remote

- Contributed to zulip-flutter, an open source threaded team chat app used by thousands of organizations
- Submitted multiple PRs improving UI/UX, fixing bugs, and enhancing app functionality
- Collaborated with global developers through code reviews and issue discussions
- [Commits](#) | [Pull Requests](#)

SKILLS

Programming: Dart, Python, SQL, JavaScript, TypeScript, C++, Go
Frameworks: Flutter, NestJS, Next.js, ReactJS, Flask, ExpressJS, FastAPI
Databases: PostgreSQL, Firebase, MongoDB, Redis, Supabase
Backend: Prisma ORM, BullMQ, Socket.io, SSE, REST APIs, Razorpay
AI/ML: CNN, ResNet, FAISS, Transformers, OpenAI API, RAG Pipelines
DevOps: Docker, Nginx, Gunicorn, Vercel, Fly.io, AWS

PROJECTS

College Event Management App — [Live Demo](#) | [GitHub](#) Flutter, Firebase, OAuth 2.0, NestJS
Cross-platform app for managing college club events with Google Calendar integration.

Study Material Generator — [Live Demo](#) | [GitHub](#) Next.js, Express, OpenRouter AI, TypeScript
AI-powered platform that transforms YouTube educational videos into structured study materials.

CERTIFICATIONS

The Complete Full-Stack Web Development Bootcamp – Udemy
[View Certificate](#) Completed Jun 2025

NestJS: The Complete Developer's Guide – Udemy
[View Certificate](#) Completed Jun 2025