

Alen Joseph

alenjosephchamavila03@gmail.com — linkedin.com/in/AlenJosep — github.com/AlenJoseph55

Technical Skills

Languages	JavaScript, TypeScript, Python, Java
Backend	Node.js, NestJS, Express.js, FastAPI, Fastify
Frontend	React.js, Next.js, Tailwind CSS
AI / LLM	AI Agents, RAG, LiteLLM, Embeddings, Multimodal AI, Prompt Engineering
Databases	PostgreSQL, MongoDB, MySQL, Redis, pgvector
Cloud / Tools	AWS, Docker, Caddy, Git, Prisma, Turborepo, Jest, Postman

Experience

Software Engineer, ITProfound Inc, Bangalore	May 2025 – Present
- Built backend services using NestJS (Fastify), MongoDB, and TypeScript to support booking, ordering, and user management workflows. - Designed and developed REST APIs with pagination, filtering, validation, and business logic for complex transactional workflows. - Implemented JWT authentication, Role-Based Access Control (RBAC), Stripe payment processing, and Firebase Cloud Messaging (FCM) for secure user and payment workflows. - Wrote unit tests, resolved production issues, and collaborated with cross-functional teams to deliver end-to-end product features.	
Frontend Developer Intern, Nirman Tech Solutions (now Navibyte, Remote)	Oct 2024 – Dec 2024
- Developed frontend features for a Study Room Management System using TypeScript and modern web technologies. - Implemented booking workflows, real-time availability tracking, and user notification features. - Investigated application defects and collaborated with backend developers to deliver production-ready features.	
Full Stack Developer Intern, Malayala Manorama, Kottayam, Kerala	Sep 2023 – Jul 2024
- Developed a content management platform using Next.js and React to support content publishing workflows. - Built administrative tools and content management features including a video vault and event calendar. - Designed responsive user interfaces and optimized frontend performance across devices.	

Projects

FinSight – Agentic Financial Intelligence Platform	Link
- Built a 4-agent financial intelligence system for portfolio extraction, investment research, market monitoring, and SIP intelligence using LiteLLM, Gemini, Groq, and OpenAI. - Built a multimodal document pipeline supporting 6+ financial statement formats including PDF, PNG, JPG, CSV, and XLSX, combining LLM extraction with deterministic Python calculations. - Built a PostgreSQL + pgvector RAG copilot with conversation memory, source citations, and prompt-injection guardrails for portfolio-aware financial research. - Implemented multi-provider LLM routing with automatic fallbacks and PostgreSQL audit logs for model usage, latency, and token cost.	
LogMyCode – AI-Powered Developer Productivity Platform	GitHub
- Built a developer productivity platform consisting of a VS Code extension, Express backend, PostgreSQL database, and Groq LLM integration to automate daily engineering reports. - Implemented multi-repository Git commit aggregation and normalized commit storage in PostgreSQL for historical tracking and reporting. - Developed AI-powered summarization workflows and asynchronous communication between VS Code, backend APIs, and external AI services.	

Education

Mar Baselios Christian College of Engineering and Technology – Idukki, Kerala	Nov 2021 – May 2025
Engineering	