

Mohammed Ameen VV

Full Stack Software Engineer

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SUMMARY

Full Stack Software Engineer with **3+ years** of experience building production applications across e-commerce, fintech and B2B SaaS. Strong in React, Next.js, Node.js, NestJS and TypeScript, and in designing APIs, databases, cloud infrastructure and AI-powered products. Owns features end to end, from system design and backend to frontend and deployment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML5, CSS3
Frontend: React.js, Next.js, Angular, React Native, Redux, Tailwind CSS
Backend: Node.js, NestJS, Express.js, FastAPI, REST APIs, JWT/OAuth
Databases: PostgreSQL, MySQL, MongoDB, Redis, Supabase
AI Engineering: LLM APIs, RAG, Qdrant, pgvector, LlamaParse, MCP
Cloud & Testing: AWS, GCP, Docker, GitHub Actions, Vercel, Jest
Practices: System Design, SOLID, Design Patterns, Agile, CI/CD, Code Reviews

EXPERIENCE

F22 Labs – Full Stack Software Engineer Chennai, India Oct 2023 – Present
Frank Darling, US jewellery e-commerce frankdarling.com

- Built the **customer reviews platform** end to end: NestJS REST APIs, MySQL schema, Redis caching with targeted invalidation, a Remix moderation dashboard and a scheduled serverless **Lambda** job for Loox imports.
- Designed **duplicate review detection** using Jaro-Winkler and Jaccard similarity with Union-Find clustering.
- Engineered a **media pipeline** that pulls 360° diamond videos from supplier sources, extracts frames with ffmpeg and processes them through AWS **SQS** and **S3**, with failure classification and retries.
- Shipped Next.js storefront features (Algolia search, cart, gift cards, ISR pages, a canvas-based 360° product viewer), contributing to **145%+ YoY Black Friday revenue growth**.
- Kept the storefront stable for 90K+ weekly visitors, with **zero downtime** through sale peaks of **200K visitors**.
- Implemented showroom appointment booking on Calendly webhooks with rate limiting and buffer-day rules, which crossed **2,000+ bookings in a month**.

HireVox, AI recruitment SaaS trusted by 50+ companies hirevox.ai

- Delivered recruiter dashboards for an AI interviewer that screens **1,000+ candidates in 48 hours**.
- Built a multi-stage candidate pipeline with real-time status and AI evaluation reports showing scores and role fit.
- Implemented WhatsApp candidate invites and anti-cheating indicators for video interviews through API integrations.

LendFast, AI lending platform Fintech

- Developed a RAG pipeline for loan eligibility with LlamaParse, OpenAI embeddings and Qdrant that analyses **19 financial metrics** with OpenAI and Claude models, plus MCP integrations for AI agents.

WhatsApp Send Later Chrome Extension

- Launched a Chrome extension for scheduling WhatsApp Web messages, with **1,000+ users** and a 4+ star rating.

Brototype – Full Stack Developer Intern Malappuram, Kerala Nov 2022 – Aug 2023

- Built **5+ full-stack applications** with React.js, Angular, Node.js and MongoDB, including auth and payments.

PERSONAL PROJECTS

GetTheJob | Next.js 15, TypeScript, Python, Supabase, Gemini Live | GitHub

- Job aggregation and tracking SaaS whose **Python** pipeline on scheduled GitHub Actions collects jobs from LinkedIn, Naukri and **90+ company** career boards (Greenhouse, Lever, Ashby APIs), with Supabase Row-Level Security.
- Built **AI job matching** with Gemini that scores each job 0–10 against the user’s resume in batched, structured JSON calls, drops irrelevant roles and fails open on API errors.

EDUCATION

University of Calicut – BSc Physics with Computer Science Calicut, Kerala 2018 – 2022