

Manan Shah

Mumbai, Maharashtra | +91 98694 85712 | manan04shah@gmail.com |  manan-shah-0918 |  mananssh

EDUCATION

Vellore Institute of Technology, Vellore | CGPA: 9.34

– Bachelor of Technology (B.Tech) in Computer Science & Engineering.

Sep 2022 – Jul 2026

TECHNICAL SKILLS

Languages: Python, C, C++, Java, Go, JavaScript, TypeScript, SQL, NoSQL

Frameworks & Libraries: FastAPI, Flask, Django, Node.js, React.js, Spring Boot

Cloud & DevOps: Azure OpenAI, Azure Cloud Services, AWS (CDK, CLI), Docker, Kubernetes, Git, CI/CD, Terraform

Systems & Data: Elasticsearch, Vector Databases, Semantic Search, Microservices, Distributed Systems

AI & ML Tools: LLM Integrations, NLP, Agent Frameworks, Embeddings, Data Pipelines, Test Automation

EXPERIENCE

Founding Software Engineer | Kello.ai (AI Recruiting Platform, Seed Funded)

Jan 2026 – Present

- Designed and implemented two production **LangGraph agentic workflows** — a multi-turn **NL-to-search pipeline** translating recruiter queries into structured Elasticsearch filter plans, and an **11-step onboarding wizard** with interrupt-driven UI interactions and parallel JD summarization.
- Architected **multi-model AI orchestration** across Azure OpenAI and Google Gemini, integrating **Langfuse** for prompt versioning and tracing, result caching by prompt version, and real-time streaming via custom dispatch events with heartbeat handling for long-running LLM calls.
- Built agentic data enrichment nodes combining **Elasticsearch** and 4 internal Postgres databases to power identity resolution, company profiling (100+ fields), and role-ranking — enabling fully personalized AI-driven recruiting flows at scale.

SDE-I Intern | Amazon

Jul 2025 – Dec 2025

- Engineered **Model Context Protocol (MCP) server** for Amazon Payments, standardizing interoperability between **distributed microservices** and improving observability.
- Developed integration testing frameworks for payment workflows processing **1B+ daily transactions**, increasing reliability and regression coverage.
- Implemented automated cross-region replication for **1200+ DynamoDB tables**, ensuring **99.99% uptime** and disaster recovery.

Software Development Intern | VouchrIt (FinTech Startup)

Jun 2024 – Aug 2024

- Developed AI-powered microservice reducing latency by **30%** and improving throughput by **50%**.
- Designed full-stack bank statement parsing service, onboarding **50+ clients** and driving **\$15K+ revenue**.

PROJECTS

AutoGift.AI — AI Agent for Smart Gifting | Amazon India GenAI Hackathon Winner

2025

- Developed **LLM-driven agentic workflow** that autonomously selects, schedules, and executes gift purchase & delivery using event triggers, preference learning, and fallback strategies.
- Integrated real-world purchase execution with **Amazon Pay** and delivery timing logic for operational constraints.

ScriptSync — Multilingual Video Translation | OpenCV, TensorFlow, FastAPI | 1st Place VIT Hackathon

Apr 2024

- Built production-grade video translation platform achieving **99% transcription accuracy** with multi-language audio-video synchronization, serving **10K+ users**.
- **Won 1st place** at VIT Central Hackathon among **600+ competing teams**.

ForReal. — DeepFake Detection System | Python, CNN, TensorFlow | 2nd Place Code4Change

Mar 2024

- Trained **cross-modal CNN** achieving **93%+ accuracy** for audio and image DeepFake detection, reducing false positives by **20%** compared to baseline models.
- **Won 2nd place** at Code4Change Hackathon for innovative approach to digital content verification.

UniPool — Campus Carpooling Platform | React Native, Go, GoFiber

Jan 2024

- Launched campus carpooling app on **Google Play Store**, scaling to **700+ active users** and facilitating **500+ rides** with **99.9% uptime**.
- Optimized backend for concurrency, enabling **1K+ concurrent sessions** with high-throughput microservices architecture.

ACHIEVEMENTS & CERTIFICATIONS

Hackathon Wins: Winner — Amazon India GenAI Hackathon (AutoGift.AI) | **1st Place** — VIT Central Hackathon (600+ teams) | **2nd Place** — Code4Change Hackathon | **3rd Place** — GDG DevJams | **Track Winner** — DEVSOC

Certification: AWS Certified Cloud Practitioner

EXTRACURRICULAR

Chairperson | Association for Computing Machinery - VIT Student Chapter

Oct 2024 – Present

- Led **40+ member** technical committee organizing flagship events with **1000+ participants**, overseeing strategy and execution.
- Scaled social reach by **80%** and secured **\$10K+ in sponsorships** through industry partnerships and outreach.