Nevil Jobanputra

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App Store (Bridge AI) | Play Store (Bridge AI) | LeetCode

Experience

IQM Corporation **On-site, Ahmedabad, India**

DevOps Engineer *Jan 2025 – Present (first 6 months Internship)*

- Worked on cloud infrastructure cost optimization and **FinOps** practices across multiple cloud providers like AWS, OCI and Snowflake to enhance financial governance and operational efficiency.
- Created and maintained **Dockerfiles** and **Jenkinsfiles** for CI/CD pipelines; used **Docker**, **Jenkins**, and **Terraform** for automated deployment and infrastructure provisioning.
- Built an end-to-end application using **React** and **Tailwind CSS** (frontend) with **Python FastAPI** (backend) to detect cost anomalies and centralize infrastructure cost data, budgeting, visualisation and alerts.
- Automated tagging and compliance enforcement using Python-based **AWS Lambda** functions, **Boto3** SDK, **Terraform**, and other AWS Services, with real-time **Slack** alerting for compliance violations.
- Developed multi-cloud cost extraction pipelines using **AWS Athena** and stored curated data in **PostgreSQL**.
- Improved monitoring with **Datadog** and **AWS CloudWatch**; mapped service-level cloud spend to user activities.

Projects

Bridge AI — AI Assistant [*App Store* · *Play Store*] | *React Native, AWS Bedrock, Claude, OAuth 2.0*

- Designed and **shipped a production AI assistant** integrated via **AWS Bedrock**, with smart **OAuth 2.0** integrations for GitHub, Spotify, Zerodha, and Zomato.
- Implemented **semantic memory** engine and **task automation** pipelines with **end-to-end encryption** for a privacy-first architecture – live on iOS App Store as well as Android Play Store.
- Managed complete product lifecycle: architecture, development, App Store review compliance, and production release.

Oddsy — Prediction & Betting Exchange | *Next.js, TypeScript, Tailwind CSS, Prisma ORM, PostgreSQL*

- Built a peer-to-peer prediction market exchange with live order books for sports, crypto, and custom markets, inspired by real financial exchange architecture with a real-time order matching engine and designed a complex PostgreSQL schema for order states, settlements, and user portfolios.

Social — Multiplayer Virtual Workspace | *React, Node.js, Socket.IO, Docker*

- **Gather Town-inspired multiplayer workspace** with real-time character movement and proximity-based interactions

SkyVault — Cloud Storage App | *Next.js, Tailwind CSS, Google Firebase, TypeScript, Vercel*

- Built and deployed a cloud storage web application with file upload, rename, delete, and download; implemented user authentication and responsive design.

Omegle — Talk to Strangers | *Next.js, WebRTC*

- **Real-time anonymous platform** with instant matching, seamless **video (WebRTC) and text communications.**

Jackpot Junction — Decentralized Lottery dApp | *Next.js, TypeScript, Smart Contracts, Web3.js*

- Developed a **blockchain-based lottery platform** with smart contracts for transparent on-chain prize distribution.

Medium — Blogging Platform | *React, TypeScript, Hono.js, Cloudflare Workers, Tailwind CSS*

- Medium-like blogging platform with JWT-based auth, deployed on **Cloudflare Workers** via **Hono.js**.

Education

Ahmedabad University – School of Engineering and Applied Sciences **2021 – 2025**

Bachelor of Technology in Computer Science & Engineering (CGPA 3.28/4) *Ahmedabad, Gujarat, India*

Technical Skills

Languages/Databases: C/C++, Python, JavaScript, TypeScript, SQL, HTML, CSS, PostgreSQL, MySQL, MongoDB

Frameworks/Libraries: React.js, Next.js, Tailwind CSS, React Native, Node.js, FastAPI, Express.js

DevOps/Cloud: AWS (EC2, ECS, ECR, Lambda, Athena, CloudWatch, S3), Terraform, IaC, Jenkins, Docker

Tools/Other: Git, GitHub, BitBucket, Jira, Firebase, Vercel, Slack, Cursor, OpenAI, Gemini

Certifications & Achievements

- AWS Academy Cloud Foundations – AWS Academy | Google Cloud Campaign – Google Developer Student Club
- Rated **1604 (3*)** on CodeChef and **1252 (Pupil)** on Codeforces | **500+ problems** solved across competitive programming platforms