

# NEVIL JOBANPUTRA

Ahmedabad, Gujarat, India

+91 95105 98199 | [neviljobanputra.com](https://neviljobanputra.com) | [LinkedIn](#) | [GitHub](#) | [neviljobanputra34@gmail.com](mailto:neviljobanputra34@gmail.com)  
[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.

**Oddy — 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