

# Hapani Arshil

## Artificial Intelligence and Machine Learning Engineering

L.D. College Of Engineering

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B.E

Male

Examination	University	Institute	Year	CGPA/%
Graduation	GTU(AIML)	LDCE Ahmedabad	2023-26	9.54
Diploma	GTU(IT)	GEC Surat	2020-23	9.31
SSC	GSEB(EM)	Gurukul Surat	2020	74

### PROJECTS

- **Polymarket Clone** ([view](#))
  - Advanced prediction market platform inspired by Polymarket and Probo. Implemented microservices in **Rust** using **NATS, Redpanda, Redis, Clickhouse, PostgreSQL, and Bloom filters**. Designed for concurrent, asynchronous processing and scalable architecture.
- **EduFund** ([view](#))
  - A fully decentralized crowdfunding platform built on **Ethereum**. Smart contracts were written in Solidity using **Hardhat**; frontend developed using **Next.js** and **Ethers.js**. Built as part of the global Educhain Hackathon by OpenCampus.
- **Custom SPL Staker** ([view](#))
  - Built on Solana using the **Anchor** framework, it allows users to stake custom-minted SPL tokens for a duration of one year, earning a **10% APY**. Rewards are automatically debited from the admin's account. The process is fully automated, requiring only sufficient funds to be maintained in the admin account.
- **GMGN Clone** ([view page](#))
  - Developed the frontend and required apis (**in rust + gRPC**) for a meme coin launch and real-time asset tracking platform using gRPC, WebSockets, and Protobuf for low-latency data transfer.
- **Portfolio** ([view](#))
  - Designed a custom, scalable portfolio using **Redis, Nginx and Docker**
  - For more projects, please visit the [projects](#) page.

### TECHNICAL SKILLS

- **Programming & Scripting Languages:** Javascript, Typescript, Rust, Javascript, HTML, CSS , Makefile, Bash, Python, C++.
- **Tools & Libraries:** React, Next, NodeJS, Git, Docker, Kubernetes, Redis, Postgres, NoSQL, System Design, Linux, AWS, Event Streaming, Websockets, Github Actions.

### WORK EXPERIENCE & INTERNSHIPS

- **Blockchain Engineer | Stellus - Remote** (Jan'25-Present)
  - Developed DeFi app on Solana supporting limit orders, copy trading, DCA, TP/SL swaps.
  - Backend in Rust, frontend in Next.js, deployed using Kubernetes.
  - Built Solana indexer using Rust + Geyser and Base chain indexer with Bun + Elysia.
  - Created Telegram and Discord bots using Teleoxide (Rust) and Discord.js (Bun).
- **Placement portal | LDCE - Hybrid** (Aug'25-Present)
  - Built an admin panel managing student and company data.
  - Automated deployment with Git and Makefile.
  - Designed system architecture for scalability.
- **Web team head | Innovator club - Onsite** (Sept'24-Present)
  - Led a team of 6 developers maintaining the club's official website.
  - Developed event registration platform integrated with Razorpay.
- **Freelancer - Remote** (Feb'23-Present)
  - Developed and delivered diverse freelance projects for clients and local businesses.

### ACHIEVEMENT

- Hackoverflow 2024 winner
- Merged PR in viem ([PR3218](#))

### AREA OF INTEREST

- Blockchain
- Rust (Backend)
- System design
- Full stack WD with DevOps