

Hapani Arshil

Artificial Intelligence and Machine Learning Engineering

L.D. College Of Engineering

arshilhapani998@gmail.com | +91 7778887156 | [Linkedin](#) | [Github](#) | [Portfolio](#) | [Medium](#) | [Linktree](#)

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