Farzan **Saqib**

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Education

National University of Science And Technology   *Islamabad, Pak*
BESE in Software Engineering   *Sep 2022 – Sep 2026*
GPA: 3.5

Work Experience

Freelancing   *Remote*
Cross-Platform Mobile Developer   *June 2023 – Aug 2023*
- Made Cross Platform FinTech app for client

Freelancing   *Remote*
Blockchain Developer   *July 2023 – Aug 2023*
- Made, Deployed and Tested Smart Contracts for Client Web3 App

Skills

Blockchain: Foundry, EthersJS, MetaMask Wallets, Alchemy, Chainlink, Smart Contracts in Solidity
Web Dev: NestJS, Vue And ReactJS, TypeScript/JS, ORMs: Prisma, TypeORM, Sequelize, Figma Designs
Database: PostgreSQL, MongoDB, Firebase
DevOps: AWS, Docker, Kubernetes, GithubActions & Gitlab's CI/CD, Terraform, Vercel
System's Programming: Distributed Systems in Golang, Microservices, CLI Tools
Mobile Dev: React Native

Projects

AssetSwap

A p2p Decentralized Commerce MICROSERVICES-BASED Web Application which facilitates secure, transparent, trustless buying and selling without the need for advance or downpayments etc

NestJS, VueJS, Postgres, TypeORM, AWS EKS & Kubernetes, Foundry
https://github.com/EggsyOnCode/local-gov-app.git

Quadratic Funding Calculator

A Quadratic Funding Calculator App; for ppl to simulate their donations before making them irl on GitCoin. An implementation of Vitalik Buterin's paper on the same concept.

MERN, Solidity, EthersJS
https://qf-calculator.vercel.app/

Distributed Content Addressed Storage(CAS)

A decentralized, distributed storage system designed for peer-to-peer (P2P) file storage. Supports large file streaming and encrypted storage on remote peers.

Golang
https://github.com/EggsyOnCode/CAS

Search Engine News

A Search Engine built ontop of NELAGT-2002 dataset provided by Harvard indexing around 150k documents.

Python, ReactJS
https://github.com/EggsyOnCode/search-engine-news

Local Gov App

A complete abstraction of the ecosystem of union councils in Pakistan, including features like complaint filing system, discussion forums for the residents of a UC, financial accountability using blockchain, local news, and listings of all development (infrastructure or otherwise) being done in the community. The main focus was to increase interactivity with the local government. For maps of UC, I had to scrape the listings of all registered UCs in Pakistan using PDF extractors, and then I had to use ArcGIS to work with the maps of each UC.

Java, JavaFX, Maven, ArcGIS
https://github.com/EggsyOnCode/local-gov-app.git

Apprentice

An app to connect Apprentices with Mentors and vice vera. Primary purpose is to promote vocational training!

ReactNative, NestJS, Postgres, AWS
https://github.com/EggsyOnCode/asset-swap-server