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

Vanar Chain   *Lahore, Pakistan*
Blockchain Engineer   *May 2024 – Present*
- Maintainence and Improvement of Vanar Chain's Infra
- Facilitating the onboarding of new Dapps on Vanar Chain
- Dev and Auditing of Smart Contracts
- Ecosystem Growth
- Dapp Development

Skills

Blockchain:	Foundry, Solidiity, Ethersjs, Chainlink (Oracle), LayerZero, Graph Protocol, zkProofs
Web Dev:	NestJS, Vue And ReactJS, TypeScript/JS, ORMs: Prisma, TypeORM, Sequelize, Figma
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
Chains Worked With:	Ethereum, zkSync, Arbritrum, Vanar Chain, Solana
Smart Contract Auditing and Security:	Fuzz Testing (Stateful and Stateless), Foundry, Formal Verification, Report Drafting

Projects

Xenolith - A Blockchain   *Golang, gRPC, p2p networking, Distrbuted Systems, Multi threading*

A modular, flexible blockchain written in Golang; following the philosophy of the Adapter/Plugin design pattern

https://github.com/EggsyOnCode/xenolith

ApacheSwap - A DEX   *Foundry, ReactJS*

An decentralized exchange (DEX) implementing Uniswap V2 and V3 whitepapers, offering enhanced liquidity, optimized trading experiences, and robust security.

https://github.com/EggsyOnCode/apache-swap-dex

Alacrity - An RWA Tokenization Protocol   *NestJS, Foundry, Postgres, TypeORM, AWS EKS & Kubernetes, VueJS*

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

https://eggsyoncode.github.io/projects/2_project/

Velho Exchange - A CEX   *Golang, NextJS*

A centralized exchange (CEX) for cryptocurrencies featuring order books, an exchange engine, and an API for spot trades, operational with actual ETH accounts.

https://github.com/EggsyOnCode/velho-exchange

Search Engine News

Python, ReactJS

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

https://github.com/EggsyOnCode/search-engine-news

Distributed Content Addressed Storage(CAS)

Go

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

https://github.com/EggsyOnCode/CAS

My Smart Contracts Repository

Repo of Smart Contracts I've Written for Different Protocols

https://eggsyoncode.github.io/projects/7_project/

My Audits Repository

Repo of My Smart Contract Audits

https://eggsyoncode.github.io/projects/8_project/