

AHMED TARIQ

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● PERSONAL PROFILE

About Me

I am a skilled software engineer with a degree in Computing and over 5 years of hands-on experience in the industry, with expertise across **FinTech**, **E-commerce**, and **Decentralized** technologies. My technical proficiency spans **Golang**. As an AWS Developer Associate certified professional, I bring a strong foundation in cloud computing. Beyond coding, I excel at mentoring colleagues by breaking down complex concepts into easily understandable terms and creating comprehensive reports for stakeholders to ensure clear communication and informed decision-making.

● WORK EXPERIENCE

🏢 **AIO TECHNOLOGIES** – DUBAI, UNITED ARAB EMIRATES

LEAD SOFTWARE ENGINEER – 01/04/2025 – CURRENT

- Led a team of 10 developers in building and maintaining high-performance RESTful APIs with **Golang**.
- Architected and implemented a microservices-based system, leveraging **Kafka** for asynchronous messaging and **gRPC** for efficient inter-service communication and performance optimization.
- Managed CI/CD pipelines and cloud infrastructure using **Terraform** and **Kubernetes**, streamlining deployments, automating scaling, and maintaining high system availability.
- Designed and delivered backend architectures that emphasized scalability, resilience, and maintainability, while aligning with evolving business requirements.
- Integrated **Blockchain Smart Contracts** using go-ethereum, enabling decentralized capabilities and extending blockchain interoperability within the platform.
- Defined and enforced engineering best practices, including coding standards, peer reviews, and automated testing to ensure code quality and maintainability.
- Drove agile practices through sprint planning, backlog grooming, and cross-functional collaboration with project managers to meet deadlines and client expectations.
- Provided hands-on **technical leadership** by mentoring junior developers, guiding design decisions, and implementing strategies for performance tuning, security hardening, and risk mitigation.

🏢 **UNITED FUTURE CONNECTION** – DUBAI, UNITED ARAB EMIRATES

LEAD SOFTWARE ENGINEER – 23/04/2024 – 31/03/2025

- Led a team of 5 developers, overseeing the development of REST APIs using **Golang**, ensuring seamless integration with **ReactJS** front-end components.
- Designed and implemented **microservices** architecture, integrating **Kafka** for messaging and **gRPC** for efficient service communication and performance scaling.
- Managed **CI/CD pipelines** and server infrastructure with **Terraform**, optimizing deployment workflows and maintaining backend stability.
- Led the **architectural design and implementation** of backend solutions, ensuring scalability, maintainability, and alignment with business requirements.
- Integrated **Blockchain Smart Contracts** using **go-ethereum**, enabling decentralized features within the system and expanding blockchain integration.
- Defined and enforced coding standards, conducting **code reviews** and ensuring high-quality, maintainable code across the backend team.
- Conducted sprint planning, prioritizing tasks with project managers to ensure timely delivery and alignment with client goals.
- Provided **technical leadership**, mentoring junior developers, and implementing solutions for performance, risk mitigation, and security.

🏢 **UNITED FUTURE CONNECTION** – DUBAI, UNITED ARAB EMIRATES

FULL STACK ENGINEER – 08/06/2023 – 23/04/2024

- Developed efficient REST APIs using **Golang** and **NestJS**, and integrated them with **ReactJS** for a dynamic, responsive user interface.
- Designed and maintained **microservices** architecture, integrating **Kafka** for messaging and **gRPC** for inter-service communication.

- Integrated **Blockchain Smart Contracts** through **go-ethereum**, enhancing blockchain capabilities within the system.
- Managed **CI/CD pipelines** and server infrastructure, optimizing the deployment process.
- Built unit tests to ensure code reliability and supported ongoing development with bug fixes and enhancements.
- Integrated third-party services, adding functionality and streamlining application processes.

🏢 **GENESIS LAB** – ISLAMABAD, PAKISTAN

SOFTWARE ENGINEER – 01/07/2020 – 12/05/2023

- Developed REST APIs for blockchain-based systems using **NodeJS**, **NestJS**, **Golang**, and **SQL/NoSQL** databases.
- Designed and maintained **microservices** architecture, integrating **Kafka** for messaging and **gRPC** for efficient service communication.
- Implemented **Blockchain Smart Contracts** using **ethers.js**, enabling decentralized functionality within applications.
- Managed **CI/CD pipelines** and server infrastructure, supporting smooth deployments.
- Collaborated with front-end and QA teams for API integration and stability, and enhanced developer tooling with the Product team.
- Strengthened code quality through unit testing, bug fixes, and third-party integrations.

● **SKILLS**

Web Technologies

Golang Gin | NestJS | NodeJS | ReactJS | Microservices Architecture | Clean architectures | Hardhat | Truffle | Cargo | Anchor | AWS Web Services | Cosmos SDK | Apache Kafka | SocketIO | Apache Nginx | Elastic search | NoSQL | SQL | Redis | Clickhouse | Google Firebase

Programming Languages

Golang | Typescript | Solidity | Rust

Automation

Dockers | Jenkins | Terraform | Kubernetes

Digital Skills

Agile (Scrum) | Git | Microsoft Office | Team-working skills | Windows, MacOS, Linux(wsl) | Atlassian Jira

● **PROJECTS**

06/04/2024 – CURRENT

Best Trading

Built on Go-Zero RPC, our trading platform offers a diverse range of financial instruments and multi-currency support, including crypto. It enables seamless transactions, features a user-friendly interface, and ensures robust security.

03/01/2024 – 04/04/2024

FATH Dapp

A decentralized blockchain platform in Golang with MySQL, enabling crypto deposits, withdrawals, and futures trading for ETH, BTC, and TRX. Features include a leveraged trading bot and Ethereum/Tron transaction scanners.

<https://fath-hub.com>

12/06/2023 – 23/12/2023

Storm Lottery Application

Telegram bot developed using Golang and MySQL where can get registered and participate in a lottery game, a user can buy a ticket and gets a reward in USDT. An admin panel where admins can keep track of users and lottery games.

10/04/2023 – 12/05/2023

Luckito

Luckito is a Golang-based lottery platform with a PostgreSQL database, allowing users to buy tickets and participate in multiple rounds using various cryptocurrencies like BTC, ETH, TRON, and SOL, with rewards paid in crypto.

24/06/2022 – 10/04/2023

Cashero

A Golang-based microservices mobile app enabling deposits, withdrawals, and payments in USD, EUR, and GBP. Integrated with DeFi and CeFi protocols for users to invest and generate yield.

<https://cashero.com>

07/11/2022 - 01/02/2023

Pylons

Pylons is a NFT marketplace where a user can create wallet and NFTs. Pylons is running on Tendermint consensus algorithm and using Cosmos SDK for generating transaction and blocks. Pylons is built using Golang with GRPC calling and Command line CLI.

<https://github.com/Pylons-tech/pylons>

05/12/2021 - 20/06/2022

DELI Corporation

A Golang-based microservices platform connecting restaurants, food delivery riders, and customers. Mobile apps serve customers and riders, while restaurants and admins use a web interface.

04/10/2021 - 03/12/2021

Finlit E-Learning platform

E-commerce based E-Learning platform for students and instructors is been developed on NestJS using postgresql, the platform where instructor adds the events, bootcamps and webinars, and the students gets enroll to the indented options by paying the fee.

01/05/2021 - 02/10/2021

Boa Scan Blockchain Explorer

A blockchain explorer displaying real-time transactions, blocks, validators, and token values. As blocks are validated, data is aggregated to a MySQL database and displayed on the explorer.

<https://github.com/bosagora/stoa>

09/09/2019 - 13/07/2020

Blockchain based EMR

Final year project was based on blockchain technology(Ethereum), Electronic Medical Record management system (EMR) used to save patient's health record into blockchain, its based on five smart contracts, with frontend based on react.js, and web3.js for integration.

● LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ARABIC	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ORGANISATIONAL SKILLS

AWS Certified Developer – Associate

Link https://www.credly.com/badges/4b728b5a-004a-4910-accb-b8b7d05128bd/linked_in?t=s9lrg1

Ethereum Blockchain Developer Bootcamp With Solidity

Link <https://www.ude.my/UC-e0393f2e-2637-4fed-9fcf-86d104a932fc/>

Hacker Rank Go(Basic) Certificate (2022)

Link <https://www.hackerrank.com/certificates/c0a9173af1b2>

Hacker Rank Node(Basic) Certificate (2022)

Link <https://www.hackerrank.com/certificates/a25ef31b51ee>

Hacker Rank SQL(Basic) Certificate (2022)

Link <https://www.hackerrank.com/certificates/2496ae1968d8>