

Muhammad Awais Niaz

Full Stack Developer at Codora Pvt Ltd

Seasoned Full Stack Developer with 5+ years of hands-on experience in building scalable, high-performance web applications and systems. Proficient across a wide range of modern technologies, including React, Next.js, TypeScript, Node.js, and NestJS, with a strong emphasis on clean architecture and maintainable code. Experienced in backend engineering with Golang. Known for designing robust, end-to-end solutions that enhance user experience and system efficiency. Passionate about innovation, performance optimization, and bridging the gap between frontend and backend.



Skills & Strengths

- Typescript
- Javascript
- Golang
- Reactjs
- Nodejs
- Nestjs
- Docker
- Git
- Web3js
- Aws Services
- Elastic Search
- Redis
- MySql
- Postgres
- Typeorm
- Mongoose
- Kafka / RabbitMQ
- Linux
- Devops
- Sentry
- Betterstack
- Express.js
- Azure



Experience - 5 years

Full Stack Developer

CODORA PVT - Islamabad, Pakistan | Sep 2023 - Present

- Contributed to the design and development of a scalable **digital asset trading platform** within a **microservices architecture**.
- Built and maintained **REST and GraphQL APIs** using **Node.js**, **NestJS**, and **Golang**, supporting a modular and efficient backend. and implementation of smart contract with solidity and integration with backend.
- Developed backend cron jobs to handle multi-chain deposit processing (**Solana**, **Ethereum**, **Tron**) and integrated services like **Chainalysis** for transaction validation and **Sumsb** for KYC automation.
- Implemented **serverless Azure Functions** to process uploaded files in Blob Storage and send notification emails via SendGrid.
- Deployed Node.js REST APIs on **Azure VMs with auto-scaling** and custom domain setup for a microservices-based project
- Leveraged **AWS SQS and SNS** to manage and scale user top-up requests, eliminating bottlenecks and reducing wait times.
- Integrated with **smart contracts** to handle various blockchain functionalities including deposits, withdrawals, and token swaps.
- Used **Amazon S3** for static asset storage and management.
- Created responsive and maintainable frontend components with **React**, **Tailwind CSS**, and **Recoil** for state management.
- Dockerized microservices and implemented a **CI/CD pipeline using Jenkins**, automating deployment and ensuring smooth delivery.
- Optimized both frontend and backend performance to enhance system **scalability**,

Contact Info

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Education

University of Wah

Wah Cantt / Bs(Hons)
Computer Science (2019)

Languages

- Urdu - Native
- English - Medium

Hobbies

- Leetcode
- Podcast
- Documentaries
- Football

Portfolio | Websites

- <https://github.com/awaisniaz>

responsiveness, and resource efficiency.

- Integrated multiple third-party services and ensured seamless **backend-to-frontend communication** for a cohesive user experience.
- Monitored performance, error tracking, and system health using **Sentry**, **BetterStack**, and **New Relic**.

Software Engineer

MWAN PVT LTD - rawalpindi, Pakistan | Jun 2021 - Sep 2023

- Developed and maintained **REST APIs** and **GraphQL** endpoints using **Node.js**, **Express**, and **TypeScript**, optimizing performance and scalability for seamless user interactions. Smart contract implementation on the bases of project requirement
- Integrated **Mapbox** on the frontend to visualize large datasets, providing an interactive and user-friendly interface.
- Utilized **MongoDB** to manage user data, ensuring quick access and efficient storage of large datasets.
- Dockerized the application for improved consistency across environments, simplifying deployment and scaling processes.
- Designed and implemented dynamic frontend components with **ReactJS**, **Redux**, **Tailwind CSS**, and **JavaScript**, ensuring a responsive and efficient user experience.
- Integrated **Network International Payment Gateway** to process secure payments, enabling smooth and reliable transactions.
- Containerized and orchestrated microservices using **Docker & Azure Kubernetes Service** for real-time analytics dashboards.
- Leveraged **AWS Lambda** to create small utilities for **PDF generation** and automated emailing, enhancing document management workflows.
- Incorporated **Twitch** integration for handling live video streams, enhancing user engagement through real-time content.
- Implemented **Socket.io** for **real-time chat functionality**, enabling seamless communication between users.
- Managed static assets using **Amazon S3**, ensuring fast, reliable, and scalable asset delivery.
- Focused on performance optimizations across both backend and frontend, improving response times and overall system efficiency.
- Hosted and managed production-ready React and Next.js applications on **Azure App Service with CI/CD** via GitHub Actions.

Software Engineer

TARGET ENERGY SOLUTIONS - rawalpindi, Pakistan | Nov 2019 - Jun 2021

- **Designed and developed responsive, modern UIs** using **React**, **TypeScript**, and **Next.js**, ensuring seamless and intuitive user experiences across devices.
- **Built and optimized REST and GraphQL APIs** using **Node.js** and **NestJS**, enabling efficient and scalable communication between the frontend and backend.
- Deployed Node.js on **Azure VMs with auto-scaling** and custom domain setup for a microservices-based project
- **Integrated key third-party services** such as **AWS**, **Firebase**, and **Mapbox**, enhancing functionality and performance across the platform.
- **Developed interactive, data-driven map visualizations** with **Mapbox**, enabling dynamic and visually engaging data presentation on the frontend.

- **Enhanced system performance** by implementing **Dockerization**, streamlining deployment and ensuring consistency across multiple environments.
- Implemented **serverless Azure Functions** to process uploaded files in Blob Storage and send notification emails via SendGrid.
- Stored user-generated images, PDFs, and backups in Azure Blob Storage with access via signed URLs and lifecycle rules.

Full Stack Developer

TECHINFLUX - Rawalpindi, PAKISTAN | Jun 2019 - Nov 2019

- **Designed and developed responsive web and mobile UIs** using **React** and **React Native**, delivering seamless cross-platform experiences.
- **Integrated APIs** with frontend applications, ensuring smooth and efficient data exchange between backend services and user interfaces.
- **Debugged, refactored, and optimized code** to enhance application performance, reducing load times and improving user experience.
- **Worked with third-party APIs** and **geolocation services** to implement location-based features, enhancing app functionality and user engagement.

Projects

Ex-Sports Marketplace

Tools: JavaScript, Typescript, Reactjs, Nodejs, Solidity, Web3js, Aws, Jenkins, Golang

A blockchain-based NFT marketplace enabling users to trade NFTs across multiple networks and participate in live gaming events.

Navigate Marine

Tools: Typescript, JavaScript, Reactjs, Nodejs, Azure, Mapbox

A web platform that tracks shipments in real-time, analyzes shipping routes, and visualizes smelter capacities across regions.

Virtual Event Management System

Tools: React, Node.js, AWS, Azure MongoDB, Socket.io, Firebase

A platform for seamless virtual event organization, enabling attendee interactions, registration, and real-time communication.

SEHAHUB Medical Supply Chain System

Tools: JavaScript, React.js, Node.js, Tailwind CSS, MongoDB

A medical supply chain system in Dubai, ensuring efficient procurement and distribution of medical resources.

Prisampay Wallet

Tools: React, React Native, TypeScript, Node.js, Web3.js, MySQL, Azure

A secure blockchain wallet for seamless token transactions with advanced security features and a user-friendly interface.

JobBoard

Tools: React, React Native, TypeScript, Node.js, AWS Services, Socket.io,

An online job platform connecting job seekers with employers, featuring a powerful search engine and user-friendly interface.