

Muhammad

Senior Fullstack Engineer with a focus on Node, React & AWS.

Faisalabad, Pakistan
Born 18/01/1995



TECHNICAL SKILLS

JavaScript (7 years of project experience) | TypeScript (5) | Node.js (7) | React (4) | Golang (2) | GraphQL (3) | Express.js (7) | Fastify.js (2) | Nest.js (2) | SQL (7) | PostgreSQL (5) | MySQL (5) | Database Design (5) | NoSQL (6) | MongoDB (6) | Elasticsearch (3) | Redis (6) | Rest API (7) | Sockets (3) | Microservices (5) | AWS (4) | CI/CD (4) | Docker (3) | Kubernetes (2) | Jenkins (1) | Terraform (1) | Kafka (3) | RabbitMQ (2) | JSON (7) | Web Services (7) | Git (7) | Npm (7) | Yarn (3) | HTML (5) | CSS (5) | Mocha (3) | Chai (3) | Jest (3) | TDD (6) | Unit Testing (6) | SOLID Principles (7) | Design Patterns, Data Structures (6) | Jira (5) | Linux (7) | Nginx (2) | Agile/Scrum (6).

WORK EXPERIENCE

07/2021 – today

Senior Full Stack Engineer

360Brains, United States (remote)

Project: BuildPlanner - UK-based Cloud SaaS solution offering a scheduling platform used by 10k+ construction managers.

- Working in an agile backend team of 4, developing the backend Microservice architecture using Node.js & Golang.
- Developed 4 Microservices with 100+ API endpoints from scratch using Node.js, GraphQL Golang, PostgreSQL, Redis, and Sockets that handle 50k+ concurrent users.
- Implemented caching with Redis to improve query and page loading times by 500% (from 40 seconds to under 1 second).
- Wrote test cases using Jest with a code coverage of 90%.
- Containerized all the Microservices using Docker and deployed them on a Kubernetes cluster using AWS.

Technologies used: Node.js | TypeScript | Golang | Express.js | Redis | Jest | Socket | React | Rest API | Microservices | PostgreSQL | GraphQL | Jira | Linux | Git | Agile | Docker | Kubernetes | CI/CD | AWS.

Project: BenficaNFT - Portugal-based NFT platform that offers interactive video collectables for S.L. Benfica fans.

- Worked in a remote agile team of 6 (20+ developers worked on the project) developing the NFT platform from scratch using TypeScript, Node, React, and GraphQL.
- Developed the complete backend architecture using Node.js, TypeScript, GraphQL, and PostgreSQL, creating 50+ APIs to connect React and Node.js, and integrating with a Blockchain backend for NFTs.
- Wrote test cases using Jest with a code coverage of 90%. **Technologies**

used: Node.js | TypeScript | Express.js | Jest | React | RestAPI | Microservices | PostgreSQL | GraphQL | Jira | Confluence | Linux | Git | Agile | Docker | CI/CD.

01/2020 – 06/2021

Senior Software Engineer

Sunztech, Faisalabad, Pakistan

Project: RevBits - US-based award-winning enterprise cybersecurity platform used by 100 organizations globally.

- Led an agile team of 5 (20+ developers worked on the project) developing the backend of a cybersecurity platform for corporate organizations to enhance cyber defense using JavaScript and Node.js.
- Created 50+ APIs to connect React and Node.js and managed REST API calls to reduce high-priority production issues by 80% through the integration of Grafana and server logs to demonstrate server health.
- Wrote test cases using Jest with a code coverage of 90%. **Technologies used:** JavaScript | Node.js | React | Express.js | Nest.js | Jest | Rest API | GraphQL | PostgreSQL | Redis | Socket | Trello | Linux | Git | Cryptography | Agile.

10/2018 – 12/2019

Senior Software Engineer

Adrightly, Faisalabad, Pakistan

Project: **SuperDietPlans** - Health mobile applications, enabling 50k+ users to log daily meals, track calories, and monitor progress analytics.

- Initiated the project from scratch, and built 50+ Rest API endpoints using Node.js, MySQL, and Elasticsearch that handle 50,000+ concurrent users.
- Utilized Elasticsearch as the search engine, delivering fast and accurate search functionality, resulting in a 30% reduction in search response time and significantly improving user satisfaction.
- Wrote test cases using Jest with a code coverage of 90%. **Technologies used:** JavaScript | Node.js | Express.js | React | Jest | MySQL | Elasticsearch | Trello | Linux | Git | Rest API | Agile.

02/2017 – 09/2018

Software Engineer

FortifyLogics, Faisalabad, Pakistan

Project: **Farosh** - Pakistan-based online shopping mall, serving 50k+ customers.

- Work with an agile team of 4, develop the overall backend architecture using Node.js, Express.js, and MySQL from scratch.
- Created 50+ Rest APIs to connect with frontend, and Integrated payment methods like Stripe and a local gateway, ensuring secure transactions for customer convenience.

Technologies used: JavaScript | Node.js | Express.js | MySQL | Trello | Linux | Git | Agile | Rest API | Stripe.

EDUCATION

07/2015 – 07/2017

Master of Science, Computer Science

University of Agriculture, Faisalabad, Pakistan

LANGUAGE SKILLS

English (C2) | Urdu (Mother tongue) | German (A1 learning)

HOBBIES

Reading | Traveling | Explore cultures & nature