

Muhammad Umar

Full Stack Software Engineer

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SUMMARY

Full Stack Software Engineer with 5+ years of experience designing and delivering scalable web applications across sports technology, ESG compliance, government health systems, and e-commerce. Proficient in React.js, Next.js, Node.js, and NestJS with deep expertise in REST APIs, GraphQL, and cloud deployment on AWS. Experienced in leading full-stack development cycles, collaborating directly with CTOs, Product Managers, QA Engineers, and cross-functional teams, and mentoring junior developers in Agile environments.

SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Material UI, Ant Design, Tailwind CSS

Backend: Node.js, NestJS, Express.js, REST APIs, GraphQL

Databases: PostgreSQL, MongoDB, MySQL

ORM: Sequelize, TypeORM

DevOps: Docker, AWS (EC2, S3), Git, CI/CD

Practices: Agile, Scrum, Component Architecture, RBAC, Code Review, Mentorship

EXPERIENCE

Software Engineer — Mavric Tech

Apr 2021 – Present

Hybrid, Lahore, Pakistan

- Architected and led full-stack development of **Touchtight**, a sports management platform serving **500+ football clubs**, built with React.js, Node.js, and GraphQL; optimized API structure and established a reusable component library to accelerate feature delivery.
- Developed **TableCloth**, a corporate ESG tracking and reporting system with Next.js, NestJS, and TypeORM; implemented role-based access control and secure multi-tenant admin dashboards for enterprise clients.
- Engineered an offline-first React.js application (**Gadget**) for U.S. field inspectors using service workers and local storage, ensuring reliable data capture and sync in low-connectivity environments.
- Built a legal case management interface for the **Massachusetts Department of Health** using React.js and TypeScript, delivering accessible UI components integrated with RESTful APIs.
- Developed a real-time NFT admin dashboard (**Lago Creators**) using React.js and GraphQL, featuring token management, metadata editing, and LagoFrame hardware integration.
- Collaborated directly with **20+ stakeholders** including CTO, Product Managers, QA Engineers, and frontend/backend developers across multiple concurrent product teams.
- Mentored **2 junior developers** through structured code reviews, architectural guidance, and hands-on pairing sessions, improving team output quality and delivery consistency.

React Developer — Tosstown

Jun 2020 – Mar 2021

Onsite, Lahore, Pakistan

- Built a multi-vendor e-commerce admin portal enabling merchants to manage storefronts and operations; implemented advanced filtering, structured layouts, and role-based access controls.

MERN Stack Developer — **Argon Tech**

Feb 2020 – Jun 2020

Onsite, Lahore, Pakistan

- Developed a full-stack e-learning platform (**All in Academy**) using React.js, Node.js, and Sequelize supporting online course delivery, quizzes, and learner progress tracking.

EDUCATION

Bachelor of Science in Computer Science

University of Central Punjab | 2016 – 2020

Graduated with Honors | GPA: 3.59 / 4.0

LANGUAGES

English (Professional) | Urdu (Native)