

TAHIR MUSTAFA

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with experience in full-stack web and mobile application development using React.js, Next.js, Node.js, and Flutter. Skilled in building scalable applications, RESTful APIs, and blockchain-based solutions using Solidity and Web3 technologies. Strong understanding of modern development practices and agile methodologies.

TECHNICAL SKILLS

Languages & Frameworks	C++, Java, Python, JavaScript, TypeScript, SQL, Dart, Solidity, React.js, Next.js, Node.js, Express.js, Flutter, React Query, Tailwind CSS, Bootstrap, EJS
Databases & Backend	Supabase, PostgreSQL, MongoDB, SQL Server, RESTful APIs, Mongoose ODM
DevOps & Tools	Git, GitHub, Docker, CI/CD, Microsoft Azure, Postman, VS Code, Android Studio
Blockchain & Web3	Solidity, Hardhat, Web3.js, Viem, Smart Contracts, DApp Development

PROJECTS

Libera – Decentralized Social Network Platform

Team Project

- Built blockchain-based social platform using Solidity, Next.js, and TypeScript
- Implemented gasless transactions and integrated smart contracts (Web3)
- Developed responsive UI using React and Tailwind CSS

Full-Stack Customer Relationship Management System (Full-Stack)

- Built full-stack CRM using Next.js, Node.js, and MongoDB
- Developed REST APIs and implemented authentication (NextAuth)
- Added lead tracking, task workflows, and invoicing features

Pizza Max–Style Food Delivery App (Full-Stack)

- Developed full-stack food delivery platform using React, TypeScript, Node.js, and Express
- Integrated Strapi CMS for dynamic content and order management
- Designed responsive UI with Tailwind CSS and implemented end-to-end ordering workflow

Meshlix – Decentralized Chat App (Flutter + Web3)

- Built decentralized chat application using Flutter with XMTP protocol for secure messaging
- Implemented wallet-based authentication using Web3Auth and real-time communication via WebSocket
- Designed offline-first architecture with local storage for improved performance and reliability

MorEat – Recipe Book Mobile App (Flutter)

- Developed cross-platform mobile app using Flutter for recipe search, filtering, and management
 - Integrated Firebase Authentication, Google Sign-In, and Cloud Firestore for backend services
 - Implemented features including shopping lists, saved recipes, and BMI calculator
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EDUCATION

Bachelor of Science in Software Engineering
COMSATS University Islamabad, Lahore Campus

Expected June 2026
