

Osama Hashmi

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SUMMARY

Experienced Full Stack Developer with 4 years of expertise in building scalable APIs, microservices, and cross-platform mobile applications using React Native, React, NestJs and other modern backend technologies. Proven track record in developing robust, high-performance mobile solutions that deliver seamless user experiences on iOS and Android devices. Skilled in end-to-end mobile app development from backend server architecture and database design to responsive, intuitive mobile UI implementation. Passionate about creating impactful applications that solve real-world problems through clean code, scalable architecture, and user-centered design principles.

EXPERIENCE

Full Stack Engineer

BufferSol Technologies

May 2022 - August 2025, New York, NY

- Developed a robust full-stack solution utilizing React Native for the mobile app frontend and Nestjs for the backend, deployed on Kubernetes. This integrated approach improved system efficiency by 60% and reduced deployment time by 50%, ensuring seamless performance across mobile and server environments.

Backend Engineer

Web Stacking

October 2021 - April 2022, Islamabad, Pakistan

- Engineered microservices architecture with Twilio Voice/SMS and WebRTC integration, improving system scalability by 150% through Docker and Kubernetes orchestration for seamless real-time communication services.

Mobile Developer

KawanBantu

July 2021 - September 2021, Jakarta

- Engineered interactive user interfaces for applications using React and Redux, improving client-side performance by 50% and significantly enhancing user experience satisfaction metrics.

PROJECTS

BlockVest

Capital University of Science and Technology

- We developed an NFT marketplace that enables users to buy, sell, and trade digital assets as NFTs. The platform incorporates machine learning algorithms to predict future trends in NFT values, providing users with insights for informed decision-making. Additionally, all transactions and user data are securely stored on the blockchain, ensuring transparency and preventing fraud in the marketplace.

Emitter Clone

WebStacking

- Engineered an Emitter-like web application incorporating Twilio for voice calling, enabling seamless real-time communication between web users and web-to-phone lines, and augmented with a live SMS functionality for improved messaging efficiency.

IDO-CRM

BufferSol

- I worked on a CRM project where I developed various systems tailored for accounting, sales pipelines, security staffing, and an ATIS complaint system, among others. My role involved focusing on backend systems to ensure seamless integration and functionality across these diverse CRM applications.

EDUCATION

Bachelor in Computer Science

Capital University of Science and Technologies · Islamabad, Pakistan

SKILLS

Languages: Javascript, TypeScript, Python, Rust, Solidity, Golang

Full Stack: Nodejs, Nestjs, Flask, Nginx, Microservices, Web Sockets, Reactjs, Redux, React Native, Expo Cli

Development Skills: Serverless, Docker, Payment Integration (PayPal, Stripe, custom bank gateways), Twilio (Voice, Video, Messages)

Deployment: AWS, Azure, Render, Github, DockerHub
