

Shah Hussain

Software Engineer (MERN-Stack)

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OBJECTIVE

Software Engineer aiming to join a prominent company, seeking to leverage my problem-solving skills to tackle complex real-world issues and establish a track record of impactful contributions.

EDUCATION

Bachelors of Computer System Engineering,

2019-2023

University of Engineering and Technology Peshawar

Relevant Coursework: Data Structures & Algorithms, Database Management and Web Engineering

EXPERIENCE

Software Engineer

August 2023 - Present

Antonx

Peshawar, Pakistan

- Collaborating cross-functionally, I've taken versatile roles to drive transformative growth with innovative solutions.
- Engaged actively in client meetings, adeptly listening and assimilating client requirements, concerns, and suggestions to ensure tailored project outcomes.
- Contributed to several projects, leveraging advanced technologies to construct dynamic websites and enhance user engagement.
- Applied technical expertise in Node.js, React.js, Next.js, and Sequelize ORM, bridging the gap between client visions and technical feasibility.
- Developed robust, scalable, and maintainable solutions tailored to meet the unique requirements of each client, incorporating cutting-edge technologies.
- Enhanced system automation by integrating Firebase and Amazon Web Services, implemented subscription management gateways like Stripe, and developed a real-time chat feature using Socket.IO to facilitate seamless communication.

Project NOCA - Social Media

- Created and managed database schemas and queries using Sequelize ORM to ensure efficient data storage and retrieval.
- Integrated third-party APIs and services for features such as authentication, Socket.IO, and AWS services like S3 for storage and EC2.
- Conducted performance optimization to reduce API load time efficiently by more than 20 percent through code refactoring.

Project NOCA Dashboard - Project Management Platform

- Managed database and user administration, nurturing a valued long-term client relationship.
- Leveraged Next.js to build a comprehensive dashboard that streamlines NOCA management.
- Utilized OWASP's top 10 recommendations and security checklists to enhance the security of web applications.

Project NOW by HMC - Food Ordering Platform

- As a Front-end Developer in React.js, developed a project for a UK client, contracting with nearly 900 vendors in England.
- Worked with a diverse team, including eight developers, two UI/UX designers, a DevOps engineer, a Tech Lead, CTO, and 3 QA Engineers, utilizing Agile methodologies through sprints.
- Optimized HMC Web feature development by 50 percent by implementing a recursive function, reducing development time from months to 2 weeks compared to mobile development.
- Implemented front-end components and user interfaces using React.js and associated libraries such as Redux store, Context API, and Tailwind.
- Notably, the HMC Customer app gained significant popularity with over 10,000 downloads in the UK, highlighting the success of our collaborative efforts.

Project Emirates Water Delivery - Water Delivery Service

- Collaborated with another developer to create the backend for Emirates Water Delivery, integrating PayPal and Stripe for robust payment processing.
- Developed a comprehensive system for managing water delivery, covering all aspects of purchasing and selling services.

Freelance Web Developer

January 2023 - Present
Remote

Project BILLBB - Social Media

- Contributed significantly to backend development.
- Implemented a chat system using Socket.IO, a notification system using Firebase Cloud Messaging (FCM), and utilized AWS for storage and EC2 for deployment.

Project ADSS Ottawa - Business Platform

- Developed the front-end of the website using React.js for a Canadian client.

Project InfyPOS - Point of Sale System

- Currently working on an ongoing project involving both frontend and backend development using Next.js and Node.js for a UAE-based client.
- Developing a comprehensive POS system with robust features and integrations.

Software Engineer Intern

Jan 2023 - March 2023
Peshawar, KPK

Quantum Learning Academy

- Familiarity with Node.js frameworks like Express, common modules and packages, and front-end web technologies for building full-stack applications.

- Ability to write Node.js code for performing basic tasks, such as reading and writing files, handling HTTP requests and responses, and interacting with databases.
- Basic understanding of Node.js core concepts and its run-time environment.

SKILLS

Frontend Skills	JavaScript, ReactJS, NextJS, Tailwind CSS
Backend Skills	NodeJS, Express, Mongoose, Sequelize
Databases	MYSQL, MSSQL, SQL, Sequelize, Mongoose
Cloud Skills	AWS, Docker, Nginx, CI/CD (GitHub Actions), PM2
Other Skills	Git, Mocha, Stripe, PayPal, Postman, Socket.io, Firebase functions

Achievements and Certifications

- The Complete Node.js Developer Course — By Andrew Mead on Udemy.
- Building Modern Node.js Applications on AWS — From Amazon Web Services (AWS).
- Build and Implement Microservices Patterns — From NIIT.
- DevOps, CI/CD (Continuous Integration/Delivery) for Beginners — By John Honai
- React - The Complete Guide 2024 (incl. Next.js, Redux) — By Maximilian Schwarzmüller.
- Express.js TestDome.