Ali Aamir

Senior Software Engineer

An adept software engineer with a solid background in development and programming. Proven track record in designing and implementing software solutions, applying analytical skills to achieve efficient and effective results.

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WORK EXPERIENCE

Senior Software Engineer
Dopetech

08/2024 - Present   *US (Remote)*

Achievements/Tasks

- Redesigned the Socket module with the Redis Pub/Sub adapter, improving Express app scalability.
- Optimized architecture by replacing dynamic namespaces with constant namespaces, reducing complexity and enhancing maintainability.
- Utilized AWS services such as SQS, S3, and Secrets Manager to deliver scalable solutions.

Software Engineer
Appremon

05/2024 - 11/2024   *Wilmington, DE (Remote)*

Achievements/Tasks

- Developed a scalable React app with TypeScript/JavaScript for managing organizations, sensors, and network configurations.
- Created a super admin panel with a dashboard for app management and real-time analytics.
- Automated CI/CD pipelines for efficient AWS deployment and scalability.

Software Engineer
Megaverse

05/2023 - 05/2024   *Lahore*

Achievements/Tasks

- Developed applications across B2B SaaS, fitness, and AI-driven travel domains using React, React Native and NodeJs.
- Implemented core features, optimized performance, and refined user experiences based on stakeholder feedback.
- Deployed frontend on AWS Amplify and backend on EC2 with Elastic IP.

EDUCATION

Bachelors in Computer Science
NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES (FAST-NU)

06/2019 - 06/2023   *CGPA: 3.13*

Courses

- Object Oriented Programming (A-)
- Programming Fundamentals (A-)
- Operating Systems(A)
- Natural Language Processing(A-)
- Data Science (A-)
- Intro to Info and Communication and Technologies (A+)

SKILLS

ReactJs | NodeJs | JavaScript/TypeScript | NextJs | NestJs | MERN | Express | SQL/NoSQL Databases

PERSONAL PROJECTS

Event Organization System
- Developed with React, Node.js, MongoDB, and integrated third-party services like Google Maps and Cloudinary.

Reddit Clone
- Built a Reddit clone using MERN stack, highlighting full-stack development skills

Airbnb Clone
- Airbnb Clone Web Application using ASP.NET framework.

Ecommerce Chatbot
- Developed Ecommerce-Chatbot with Python 3, utilizing an ANN trained via Bag of Words for input vector transformation.

Credit Risk Predictior
- Executed end-to-end Credit Risk prediction model in Python3 encompassing data cleaning, PCA and Random Forest modeling for precise risk evaluation

Real Estate Booking
- Web 3.0 Real Estate Booking DAPP using React, Solidity, Hardhat.

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations

React - The Complete Guide 2023 (incl. React Router & Redux) - Udemy

SQL-BASICS - HackerRank