Hamza Bashir

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Skills

Node.js, Express.js, NestJS, ReactJS, Angular, Next.js, Ethers.js, Three.js, SQL, PostgreSQL, MongoDB, RESTful APIs, Git, AWS, Docker, state management libraries (e.g., Context API, Redux).

Work Experience

Software Engineer, Cloudico   Mar 2024 - Present
• Leading a team of 5 developers in the ongoing development of a custom AWS wrapper application, facilitating easy interaction with EC2 instances via a user-friendly frontend while maintaining robust backend cloud infrastructure.
• Implemented robust role-based access control (RBAC) for EC2 instances, enabling administrators to create instances and assign access to users with distinct roles.
• Overseeing project management using Jira to ensure timely completion of tasks, clear communication among the team, and tracking of ongoing feature development.

Software Engineer, Devsinc   July 2022 - Mar 2024
• Engineered and scaled a property management application to support a 3x increase in user traffic, implementing performance optimizations and load balancing solutions that improved system responsiveness and reliability under high demand.
• Designed and deployed a versatile white-labeling system, allowing 15+ clients to customize and brand the application according to their needs, which resulted in a 10x surge in product sales and expanded market penetration.
• Spearheaded the development of a blockchain-based marketplace, similar to OpenSea, facilitating secure NFT transactions and ownership verification.
• Built and deployed decentralized applications (DApps) on the Ethereum blockchain using web3.js/ethers.js and Solidity, improving transaction transparency and security.
• Reviewed code of junior developers to ensure adherence to best practices, improving code quality and team efficiency.
• Managed project workflows and progress using Jira, ensuring timely delivery and tracking of tasks.

Engineering Intern, Mission Critical LLC   July 2021 - Oct 2021
• Developed and contributed to a production-ready mobile app for Android and iOS using Flutter, improving cross-platform functionality.
• Led refactoring efforts, enhancing code efficiency and reducing app load time by 30%.
• Collaborated with cross-functional teams to implement key features, improving user experience and app performance.

Projects

Hotel Booking Application   Mar 2023 - October 2023
• Built the backend infrastructure using NestJS and MongoDB for a hotel booking application.
• Integrated Travelport and Amadeus APIs for comprehensive hotel listings and booking features.
• Deployed the application on AWS, utilizing EC2, S3, CodePipeline, and DocumentDB for scalable and reliable performance.

AiCC - Ai Career Consultant   Aug 2021 - June 2022
• Created a Smart Recommendation System to assist the students to select their career path that perfectly aligns with their interest. The goal is to streamline and ease the process of selecting programs and courses without a hustle
• Technologies used: MERN Stack, Python, Flask, TensorFlow, Machine Learning

Awards

• Rising Star of the year 2022 - Devsinc   Jan 2023
• Employee of the Quarter 2023 - Devsinc   Sep 2023
• GIKI Residential Network Administrator   July 2020 - June 2022

Education

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)   Topi, PK
Bachelors of Science in Computer Engineering   2018-2022