Hafiz M Usman

Senior Software Engineer

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PROFESSIONAL SUMMARY

Experienced and results-oriented **Full Stack Developer** with a proven track record of designing, developing, and deploying innovative software solutions. With over **five years of experience** in the industry, I specialize in both frontend and backend technologies, including React.js, Node.js, GraphQL, SQL, MongoDB. Adept at leading cross-functional teams and collaborating with stakeholders to deliver high-quality products on time. Skilled in problem-solving, code optimization, and implementing best practices to drive efficiency and scalability. Passionate about staying updated with emerging technologies and continuously enhancing my skill set to meet evolving industry demands. Committed to delivering excellence and driving organizational success through technology-driven solutions.

Specialities:
- Backend development using NodeJs and NestJs.
- Front-end development using ReactJs and NextJs.
- Component driven development using storybook and ReactJs.
- Hands-on experience in Blockchain integration using Etherjs.
- Expertise in microservice development using Docker, kubernetes and Kafka.
- Expertise in serverless development using SAM on AWS.
- Following RestAPIs and GraphQL architecture.
- Database design and management using postgreSQL, MongoDB and DynamoDB.
- Proficient in setting up CI/CD pipelines for automated testing, building, and deployment of applications.
- Knowledgeable in implementing security best practices and protocols, including HTTPS, OAuth, JWT, and encryption algorithms, to ensure data protection and privacy.
- Skilled in optimizing application performance through techniques like code refactoring, caching strategies, and load testing to enhance user experience and scalability.

Skills

Languages	Javascript | Typescript | Python | C++ | MySQL
Frontend Development	React Js | Next Js | Angular
Backend Development	NodeJs | ExpressJs | NestJs
Database management	PostgreSQL | MongoDB | DynamoDB
Tools and Technologies	Blockchain | MERN stack | JAMStack | Docker | kubernetes | Git | CI/CD | AWS | Heroku | Netlify | Digital Ocean
Development Methodologies	Microservices | Monolithic | Distributed Systems | Serverless
Testing	Jest | Unit Testing | Integration Testing

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Experience

Sr Full Stack Developer & Team Lead at **Renesistech**   **03/2023 - Present**
- Designing system architecture for both monolithic and microservices environments, ensuring scalability, reliability, and optimal performance.
- Conducting database design and modeling for enterprise-level applications, optimizing data structures for efficiency and integrity.
- Developing end-to-end decentralized web applications tailored for Ethereum-compatible blockchains.
- Building serverless web applications utilizing AWS infrastructure, optimizing resource allocation and minimizing operational overhead.
- Conducting comprehensive code reviews and effectively managing team workload to maintain code quality and adherence to best practices.
- Providing post-production deployment support, troubleshooting issues, and implementing performance optimizations to ensure seamless operation.
- Streamlining workflows and enhancing code quality through continuous integration and deployment practices, maximizing development efficiency.
- Supporting and training the technical team on emerging technologies and industry trends, fostering a culture of continuous learning and innovation.
- Implementing efficient development lifecycle processes aligned with business requirements, ensuring timely delivery of high-quality software solutions.
- Adopting agile methodologies to accelerate the delivery of minimum viable products (MVPs), promoting rapid iteration and customer feedback integration.

MERN stack developer at **Optimus Fox**   **01/2021 - 03/2023**
- Developed frontend interfaces using React.js, Next.js, and integrated them with Apollo Client and Redux JS for state management.
- Implemented Node.js and Nest.js to build robust backend APIs, ensuring efficient data flow and system scalability.
- Designed and implemented GraphQL backend services using Node.js, serving both web and mobile applications with Apollo Server.
- Engineered a crowdfunding platform featuring equity funding options and cryptocurrency payment integration.
- Optimized backend codebase to improve API response times and overall system performance.
- Integrated payment gateways such as Stripe and PayPal to facilitate secure and seamless transactions.
- Led database design and development initiatives, leveraging MongoDB and PostgreSQL for efficient data storage and retrieval.
- Established CI/CD pipelines to automate deployment processes and managed server infrastructure across platforms like DigitalOcean, AWS, and Google Cloud.
- Implemented Redis caching mechanisms to enhance backend API response times and reduce server load.
- Designed and developed microservices applications and orchestrated them using Kubernetes for efficient resource utilization and scalability.

MERN stack developer at **Jobesk**   **05/2019 - 01/2021**
- Developed backend solutions for RESTful APIs, WebSocket communication, and GraphQL architecture, ensuring efficient data exchange and system flexibility.
- Implemented frontend interfaces using component-driven development principles with Storybook, fostering modularity and reusability in UI components.
- Wrote comprehensive test cases for unit testing and integration testing, ensuring the reliability and robustness of the application codebase.
- Designed and developed Quiz applications using React.js and TypeScript, delivering engaging and interactive user experiences.
- Engineered a full-stack e-commerce website using MERN (MongoDB, Express.js, React.js, Node.js) stack technologies, enabling seamless online shopping experiences for users

EDUCATION

Bachelor in Mechatronics and Control Engineering | University of engineering and technology, Lahore 2016 – 2020

Specialized in Artificial Intelligence and mobile Robotics

CGPA: 3.12

Projects

Neo Garden.
- Worked as a full-stack developer to develop an application (NFT Marketplace).
- Contributed to a $5.7 Millions revenue increase using the latest technologies of **Nodejs, Typescript , Blockchain, Nextjs**.
- Visit [Neo Garden](#)

Hutfin.
- Worked as full-stack developer for Microservices application development using **NodeJs** for a real estate Application with **AWS, Docker, Kubernetes, Nodejs, Reactjs.**
- Visit [Hutfin](#)

Crunch Spark.
- Worked as full-stack developer for Microservices application development using **NodeJs** for a real estate Application with **AWS, Docker, Kubernetes, Nodejs, Reactjs.**
- Visit [Crunch Spark](#)

Larts.
- Worked as full-stack developer for Microservices application development using **NodeJs** for an NFT Marketplace Application with **AWS, Docker, Nodejs, Reactjs.**
- Visit [Larts](#)

Crowdfunding.
- Developed a crowdfunding platform with **equity** for funders and **cryptocurrency payment** with **Reactjs, Zustand, Typescript, Nodejs, Ethereum, EtherJs.**

Gladiator Finance.
- Created a 3D NFT marketplace with customizable gladiators, battle registration, betting with **Reactjs, Typescript, Threejs, Nodejs, Web3, BSC.**

Cross Chain Bridge.
- Designed a cross-chain bridge for **Apollo**, **BSC** and **Polygon** using **Nodejs, ExpressJS, Typescript, MongoDB, NextJS,** and **Redux Toolkit.**

Dinisium.
- Worked as a full-stack web developer on an asset management ecosystem with **NestJs**, **ReactJs**, **PostgreSQL.**

Ecommerce.
- Worked as a full-stack developer on an Ecommerce website with **Node JS, React JS, MySQL, PayPal, 2FA email-based authentication**.

Looksees.
- Created backend and admin portal for a dating mobile App using **Node JS, React JS, GraphQL, MongoDB, REST APIs,** and **WebSockets.**