

Bilal Ahmad

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Summary

As a Full Stack Software Engineer, I specialize in developing scalable microservices and robust web apps using PostgreSQL, Redis, Node JS, Golang, React and Angular. With 2 years of experience, I have developed a deep understanding of MVC, Design Patterns to manage clean code architecture, bug fixing and documenting modules.

Education

COMSATS University Islamabad, Bachelor of Computer Science

Sep 2019 – Sep 2023

Experience

Simplex Technology Solutions, Software Engineer

Sep 2023 – Present

- Implemented a CRM system to select audiences, send mass campaigns, and manage user statistics, resulting in uninterrupted campaign streaming, increased sales, and improved customer retention.
- Accomplished comprehensive order journey tracking and customer insights reporting by implementing Google Analytics and other third-party tracking tools with unique user sessions, which led to enhanced customer insights.

Fiverr, MERN Stack Developer

Sep 2022 – Sep 2023

- Conducted integrations, fixes, testing, feature enhancements, and audits, which led to improved functionality, reliability, and compliance of the systems
- Accomplished the development of SDK and Golang packages by utilizing best practices in software development, which led to robust and efficient software components
- Worked on mCloud services (IAM, file server, HRMS, CRM, microservices) by developing and maintaining various components, resulting in seamless and integrated cloud services

Projects

KFC

- Build an online payment system integrated with the bank, allowing users to securely save card details.
- Implemented a dynamic taxation system that adjusts based on different payment modes and state-specific tax.
- Developed a CRM system that enables mass email and SMS campaigns to targeted audiences and track their statistics.

Domino's

- Developed OTP based auth system to verify users and streamline registration or login process.
- Integrate third party CRM into whole web app to track customer activity and handle push notifications.
- Build a dynamic delivery fee system that changes based on specific time, channel, store and cart items.

Pizza Hut

- Integrate Google Analytics to monitor web traffic, track order journey and generate sales statistics.
- Developed event based notification system to maintain customer retention and boost engagement.

Technologies

Languages: JavaScript, TypeScript, Python, Go, SQL

Frontend: React js, Next js, Vue js, Sass, tailwind

Backend: Node js, Nest js, Express js, GraphQL

Databases: mySQL, PostgreSQL, MongoDB, Redis