

Bilal Ahmad

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Summary

Full-Stack Software Engineer with 2+ years of experience in designing, developing, and deploying scalable microservices and robust web applications. Proficient in PostgreSQL, Redis, Node.js, Golang, and React, with a strong understanding of MVC design patterns for clean code architecture, bug fixing, and documentation.

Education

COMSATS University Islamabad, Bachelor of Computer Science

Sep 2019 – Sep 2023

Experience

Simplex Technology Solutions, Software Engineer

Sep 2023 – Present

- Developed and implemented payment gateway tokenization, taxation, discounts, and OTP-based authentication features, significantly improving system functionality and user experience.
- Redesigned and optimized existing modules, resolved critical bugs, conducted GA integration, and implemented CRM development to ensure seamless performance and improved customer retention.
- Integrated third-party applications, implemented task scheduling, and managed event-based notifications, streamlining operational workflows.

Fiverr, MERN Stack Developer

Sep 2022 – Sep 2023

- Spearheaded delivery of 10+ global and local projects including crypto exchanges, eCommerce platforms, SPAs, and web portals using JavaScript stack, earning 4.5+ client ratings for performance and reliability.
- Designed relational databases, performed automated migrations, and writing cloud SQL scripts to ensure scalability, integrity, and seamless backend performance across multiple cloud environments.

Projects

KFC

- Implemented an online payment system integrated with bank APIs, enhancing user security for saved card details.
- Developed a dynamic taxation system that adjusts based on different payment modes and state-specific tax rules.
- Built a CRM system enabling mass email and SMS campaigns for targeted audiences and tracking their statistics.

Domino's

- Built a dynamic delivery fee system that changes based on specific time, channel, store, and cart items.
- Created an OTP-based authentication system to verify users and streamline registration and login processes.
- Integrated third-party CRM into existing web application to track customer activity and handle push notifications.

Pizza Hut

- Integrated Google Analytics to monitor web traffic, track order journeys, and generate sales statistics.
- Enhanced an 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