

Muhammad Shahbaz

(Sr. Back-End Engineer)

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WORK EXPERIENCE

Sr. Back-End Engineer

Xplora | Dec 2023 - Current | UK

- Developed server-side applications on AWS using Node.js and Lambda functions to enhance system capabilities.
- Increased processing speeds by 40%, supporting 1 million concurrent users.
- Architected and executed a microservices framework, crafting over 30 robust APIs with gRPC and GraphQL, which halved latency and boosted interoperability.
- Revitalized the mobile app's loyalty program, increasing user engagement by 25% and cutting churn by 15%.

Sr. Software Engineer

Data Magnetics | Apr 2023 - Nov 2023 | Lahore, Pakistan

- Collaborated with a five-member team to elevate database throughput by 35%, handling over 10,000 transactions per hour using Node.js and SQL.
- Enhanced data security by implementing advanced encryption techniques, slashing security breaches by 90%; also processed WebSocket-based chat applications and notification systems.
- Managed Node.js projects focusing on MongoDB integration, delivering scalable solutions.
- Spearheaded MERN stack application development, leveraging MongoDB, Express.js, and React.js for better functionality.

Sr. Software Engineer

DevBeans | Jan 2021 - Apr 2023 | Lahore, Pakistan

- Engineered and launched over 12 software solutions, securing a 95% client satisfaction rate and decreasing client issues by 40%.
- Boosted the operational efficiency of MERN stack-based web applications by 30%, supporting over 300,00 active users monthly.
- Formulated and implemented strategies that reduced system downtime by 75%.
- Enforced comprehensive security protocols in application development, protecting data for over 200,000 users and minimizing risks by 90%.

Software Engineer

Devsinc | Apr 2019 - Jan 2021 | Lahore, Pakistan

- Crafted and executed web application optimization strategies, enhancing performance by 60% and boosting customer satisfaction and retention by 50%.

- Analyzed and resolved critical software issues, increasing system stability and performance by 45% and reducing significant bugs.
- Streamlined version control using Git, improving team productivity by 30% and minimizing merge conflicts by over 80%.
- Directed a multidisciplinary team through intricate project stages, improving delivery speeds by 35% and elevating team dynamics.

Full Stack Developer

Dynamic Logix | Mar 2017 - Jan 2019 | Sahiwal, Pakistan

- Authored clean, efficient, and maintainable Node.js code, reducing complexity and maintenance demands by 20%.
- Synchronized efforts with senior developers and project managers to clarify project specifications, achieving a 90% accuracy rate on initial deliveries.
- Implemented Git for robust version control, ensuring high code integrity and smooth deployment.
- Cultivated a collaborative team environment, ensuring projects were completed on time and within budget.

EDUCATION

MS in Software Project Management

FAST NUCES | Sep 2021 - Jul 2023 | Lahore, Pakistan

BS in Computer Science

Punjab University College of Information Technology | Sep 2012 - Jun 2016 | Lahore, Pakistan

TECH SKILLS

- **Languages:** Javascript, Python, Ruby on Rails
- **Frameworks & Libraries:** MVC, Redux, Express.js, Moment.js, Dwolla, Plaid, Jest, Vercel, Pirol, Node.js
- **Tools & Technologies:** Git (version control), CI/CD, REST APIs, MQTTs, Encryption (data and 2FA), Stripe (Payment Gateway), Dependency injection, SOLID principles, Virgil-crypto
- **Development Methodologies:** Agile (Scrum), Test-Driven Development (TDD), Functional Programming

PROFESSIONAL CREDENTIALS

- Learning Node.js - [View Certificate](#)
- MongoDB Essential Training - [View Certificate](#)
- Artificial Intelligence Foundations: Machine Learning - [View Certificate](#)
- Artificial Intelligence Foundations: Thinking Machines - [View Certificate](#)
- Node.js: Microservices - [View Certificate](#)
- Advanced Design Patterns: Design Principles - [View Certificate](#)