

Momin Umer Buksh

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Summary

I am a dedicated and hardworking Software Engineer with hands-on experience in both frontend and backend development, database management, and system optimization. Throughout my career, I have demonstrated a strong ability to work as part of a collaborative team while also excelling in independent tasks. Known for my efficiency in problem-solving and decision-making, I consistently propose innovative solutions to improve workflows and system performance. I thrive in dynamic environments, where I can analyze complex issues, provide actionable insights, and deliver quality results under tight deadlines.

Experience

Adabra | Dubai, UAE, remote

Software Engineer | 07/2023 - Present

As a Full Stack Developer, I manage both frontend and backend development using the MERN stack. My responsibilities include building scalable web applications, optimizing performance, and handling deployment pipelines.

Key Responsibilities:

- **Backend Development:** Developed robust RESTful APIs using Node.js and Express, ensuring secure and scalable data management. Managed MongoDB for dynamic data storage and retrieval, implementing best practices to optimize database performance.
 - **Frontend Development:** Built reusable React components with Tailwind CSS, improving UI efficiency and responsiveness. Implemented lazy loading, code splitting, and memoization, resulting in a 30% boost in site speed.
 - **Testing & Quality Assurance:** Wrote comprehensive unit and integration tests to maintain code reliability and performance, ensuring seamless feature updates.
 - **DevOps & Cloud Infrastructure:** Managed CI/CD pipelines, deployed applications on AWS using Elastic Beanstalk, CloudFront, and Route 53, and automated deployments using GitHub Actions.
 - **Optimization & Performance:** Enhanced frontend performance through image compression and minimized API latency, improving user experience.
 - **Monitoring:** Monitored system performance post-deployment using AWS CloudWatch, quickly addressing issues to maintain operational efficiency.
 - **Stakeholder Engagement:** Collaborated with product managers, designers, and clients to gather requirements and provide technical recommendations on scalability, performance, and security best practices.
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Weboryx Technologies | Rawalpindi, PK

Full Stack Developer | 10/2022 – 07/2023

At Weboryx Technologies, I work as a Full Stack Developer, contributing to in-house projects using the MERN stack. My role involves designing, developing, and maintaining scalable web applications while ensuring optimal performance and user experience.

Key Responsibilities:

- **Backend Development:** Designed and implemented RESTful APIs using Node.js and Express, ensuring secure and efficient data handling. Utilized MongoDB to structure and manage application data, optimizing database queries.
- **Frontend Development:** Developed interactive and user-friendly web applications using React and Tailwind CSS. Implemented responsive design principles for accessibility across multiple devices.
- **Testing & Debugging:** Conducted rigorous testing and debugging to ensure software reliability. Wrote unit and integration tests to maintain a high standard of code quality.
- **Performance Optimization:** Improved application efficiency by implementing caching strategies and reducing API response times. Applied lazy loading and code splitting for frontend optimization.
- **Collaboration & Documentation:** Worked closely with the product team to gather requirements and deliver effective solutions. Documented technical processes to streamline future development and onboarding.

Skills

- ReactJS, MUI, Tailwind CSS, Bootstrap, JavaScript, Node.js, Express, MongoDB, SQL, GitHub, , CI/CD, Aws (EC2, S3, Elastic Beanstalk)
- Stakeholder Engagement, MVC, Test Automation, DevOps

Education

Air University | Islamabad, Pakistan

Bachelor of Science: Computer Science | 06/2023

Languages

- English
- Urdu

Certificates

- Internship in GEPCO (Gujranwala Electric Power Company)