Awais Hussain Software Engineer

✉ awaishussain5597@gmail.com   📞 (817)-542-9579   📍 Dallas, USA   in LinkedIn

SUMMARY

Results-driven Software Developer with 4 years of experience in designing, developing, and optimizing high-performance web applications. Proficient in both frontend and backend development, with a strong focus on scalability, security, and user-centric design. A problem-solving expert, known for writing clean, efficient, and maintainable code while enhancing system performance. Skilled in managing complex databases, integrating cloud technologies, and implementing robust security protocols. Excels in Agile environments, working closely with cross-functional teams to deliver innovative and business-driven technical solutions.

SKILLS

Languages: Java, JavaScript, Python, TypeScript, C, C++, C#, HTML5, CSS3.
Frontend Technologies: React.js, Vue.js, Angular, Bootstrap, Redux.
Backend Technologies: Node.js, .NET, Spring Boot, Spring MVC, Hibernate, RESTful APIs, GraphQL.
Databases: MySQL, SQL Server, PostgreSQL, MongoDB, Oracle, Cassandra, Redis, Snowflake
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Azure, Docker, Kubernetes, Terraform, Jenkins, CI/CD.
Security & Testing: OAuth2, JWT, SonarQube, JUnit, Mockito, TDD
Tools & Technologies: Jira, Git, Linux, Gradle, Kafka, Postman, Maven, Apache Tomcat

PROFESSIONAL EXPERIENCE

Software Engineer, Infosys   09/2022 – 12/2022 | Bangalore, India
- Reduced frontend load time by 25% for a customer-facing e-commerce platform by implementing lazy loading, virtual DOM optimizations, and Redux for efficient state management, leading to faster UI interactions and better customer retention.
- Contributed to the migration of a large-scale React SPA to Next.js, improving first-page load time by 35% and enhancing Core Web Vitals scores, which led to higher engagement and lower bounce rates.
- Incorporated OWASP guidelines and used tools like SonarQube and Fortify to proactively identify and mitigate security vulnerabilities, improving application security and compliance.
- Refactored state management using Redux Toolkit (React) and NgRx (Angular), reducing unnecessary re-renders and improving application responsiveness, ensuring a smooth and seamless multi-page experience.
- Implemented responsive design using Tailwind CSS and Material UI, improving mobile usability scores and boosting user engagement across various device types.
- Collaborated with UX/UI teams to refine user interfaces, ensuring high performance and intuitive design that aligns with modern principles for enhanced user experiences.

Software Engineer, HCL Technologies Ltd   03/2019 – 08/2022 | Bangalore, India
- Worked alongside Oracle to formulate cloud-based database solutions, enhancing the scalability and security of enterprise applications while improving overall performance and reducing maintenance costs for clients.
- Designed and deployed Spring Boot microservices with Apache Kafka for asynchronous messaging, improving system efficiency and scalability by up to 30%, enhancing communication and data processing across services.
- Built scalable and secure RESTful APIs using Spring Boot and Hibernate, ensuring the development of high-performance, enterprise-grade applications for global clients.
- Automated CI/CD pipelines using AWS, streamlining deployment workflows and reducing manual intervention by 25%, enabling faster release cycles and improved delivery efficiency.
- Adopted Docker for containerization and deployed applications on Kubernetes, reducing deployment time by 30% and enabling faster time-to-market for critical business features.
- Developed serverless applications for clients using AWS Lambda and DynamoDB, optimizing system performance and scalability while reducing operational costs during peak usage by 15%.
- Integrated OAuth2 and JWT-based authentication protocols to secure user data, ensuring compliance with GDPR and other data privacy regulations, while enhancing system security.
- Contributed to testing efforts using JUnit and Mockito, collaborating with the QA team to conduct unit and integration tests, ensuring software reliability and reducing post-release issues by 18%.

ACADEMIC PROJECTS

Cloud-Based Inventory Management System   React.js, Node.js, PostgreSQL, Azure, Docker
- Developed a scalable inventory management system with real-time updates and automated notifications using React.js, Node.js, and Azure App Services.
- Integrated PostgreSQL for data storage and implemented Azure Monitor for performance monitoring and role-based access control to ensure security and system reliability.

AI-Powered Loan Application Processing System   Java, Spring Boot, Angular, MongoDB, Kubernetes
- Developed a full-stack web application that streamlined loan applications using machine learning to predict approval likelihood, reducing processing time by 40%.
- Built Spring Boot microservices with an Angular frontend and secure authentication via OAuth2 and JWT. Deployed on Kubernetes with MongoDB for efficient data management.

EDUCATION

Masters in Computer Science, University of Texas at Arlington   01/2023 – 12/2024 | Texas, USA
Bachelors in Computer Science, GITAM University   07/2014 – 07/2018 | Bangalore, India