

AWAIS HUSSAIN SHAIK

awaishussain5597@gmail.com | +1 (817) 542-9579 | Arlington, Texas | [linkedin.com/in/awaishshaik](https://www.linkedin.com/in/awaishshaik)

PROFESSIONAL EXPERIENCE

Software Engineer, Infosys

Sep 2022 – Dec 2022 | Bangalore, India

- Improved customer experience by implementing Next.js server-side rendering (SSR) for a high-traffic e-commerce platform, significantly enhancing page load times and boosting user retention.
- Oversaw version control with Git and streamlined CI/CD pipelines using Jenkins and Docker, ensuring efficient and reliable automated deployments.
- Enabled real-time business-critical workflows by designing an event-driven architecture with Apache Kafka for data streaming and AWS Lambda for automated processing.
- Optimized application performance by 20% using React's Memoization and useCallback to reduce unnecessary component re-renders.
- Built a scalable distributed system by implementing a microservices architecture with Node.js and Redux, ensuring seamless data consistency and backend scalability.

Software Engineer, HCL Technologies Ltd

Mar 2019 – Aug 2022 | Bangalore, India

- Enhanced user experience by developing Angular 2 functions for data acquisition from REST web services, ensuring seamless data integration and improved frontend responsiveness.
- Built scalable, reusable web components with TypeScript, delivering enterprise-grade, data-driven applications.
- Designed and maintained enterprise-grade APIs using Java and Spring Boot, enabling secure and seamless communication between distributed systems.
- Orchestrated the deployment and scaling of applications on Azure App Services and Kubernetes (AKS), reducing infrastructure costs by 15% and significantly improving application scalability.
- Built robust automated test suites with JUnit and Mockito, ensuring high code quality and delivering stable production releases with minimal defects.
- Implemented monitoring and logging solutions using Azure Monitor and Application Insights, maintaining 99.9% application uptime and enabling rapid issue resolution.
- Improved frontend workflows and state synchronization for dynamic, enterprise-scale applications by leveraging Redux, enhancing user experience and maintainability.

TECHNICAL SKILLS

Languages & Framework: Java, JavaScript, SQL, React.js, HTML5, CSS3, Bootstrap, Spring Boot, Node.js, RESTful APIs, Hibernate.

Database: MySQL, PostgreSQL, Oracle, MongoDB, Redis

Tools & Technology: AWS (EC2, S3, Lambda, RDS), Azure (App Services), Jenkins, GitHub Actions, Azure DevOps, JUnit, Mockito, OAuth2, JWT, Docker, Kubernetes, Maven.

ACADEMIC PROJECT

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

Jan 2023 – Dec 2024

Bachelors in Computer Science and Engineering - GITAM University, India

June 2014 – April 2018