

Software Developer

Technically-minded professional with progressive years of experience delivering high-quality, scalable software solutions. Well-versed in end-to-end software development lifecycle from conceptualization and design to implementation and deployment. Instrumental in designing robust backend systems and leveraging cutting-edge CI/CD practices and Cloud technologies to optimize development workflows. Skilled in implementing security measures and ensuring system integrity through comprehensive testing methodologies. Known for leveraging diverse programming languages and frameworks to increase frontend performance, ensure cross-browser compatibility, create responsive and interactive web applications, and enhance user experiences.

Technical Proficiencies

Programming Languages:	JavaScript, TypeScript, Java, SQL, NoSQL, Python, C.
Frontend Technologies:	Angular, React, Redux, NgRx, RxJS, Angular Material, Material UI, Sass, Figma, React Testing Library
Backend Technologies:	Node.js, NestJS, ExpressJS, Spring Boot, REST APIs, GraphQL, Maven, NPM.
Databases/Methodologies	PostgreSQL, MongoDB, MySQL, Microservices Architecture, Agile (Scrum).
Tools & Platforms:	Docker, Jenkins, Git, Jira, Jest, JUnit, Jasmine, Karma, Protractor, Splunk, Datadog, AWS (EC2, ELB, Route 53).

Areas of Expertise

- Software Design & Architecture
- Full-stack development
- Agile methodologies
- UI & UX Design
- Scalable/Maintainable Code Development
- Software Testing & Quality Assurance
- Continuous Integration & Deployment
- RESTful API Design & Implementation
- Frontend & Backend Integration
- Web Performance Optimization
- Responsive Web Design
- Database Management

Professional Experience

Deloitte Consulting LLP, Gilbert, AZ

March 2024 – Present

Full stack Developer

- Contributed to a microservices-based backend architecture using NestJS, developing services that interact with a centralized GraphQL mesh gateway for unified data access.
- Designed and implemented GraphQL schemas and resolvers at the gateway layer to aggregate and federate data across multiple heterogeneous data sources.
- Implemented centralized logging and monitoring using Splunk for log aggregation and Datadog for metrics, tracing, and alerting across microservices.
- Integrated backend services with AWS cloud services to support secure communication, scalability, and reliability of the data platform.
- Worked on the modernization of a large-scale enterprise application by migrating legacy Struts/JSP modules to a modern Angular and Spring Boot-based architecture, improving maintainability and long-term scalability.
- Performed root-cause analysis and R&D for high-priority defects, contributing to production issue resolution and long-term architectural improvements.
- Developed Angular components, services, and RxJS-based workflows to support complex, form-driven business processes and dynamic navigation requirements. Designed and implemented Spring Boot REST APIs to replace legacy backend logic and enable seamless integration with the Angular frontend.

UI Developer

- Developed responsive and user-friendly user interface components using Angular, HTML, CSS, Bootstrap, and TypeScript, focusing on usability, accessibility, and consistent design standards.
- Built reusable Angular components, services, and modules to support a scalable and maintainable frontend architecture across multiple application features.
- Implemented client-side form validations, dynamic data binding, and conditional rendering to support complex user interaction workflows. Integrated UI components with backend REST APIs, handling asynchronous data flows and error states to ensure a smooth user experience.
- Improved frontend performance and maintainability by refactoring existing components, optimizing change detection, and reducing redundant API calls.

ASU Decision Theatre Network, Tempe, AZ

June 2022 – May 2023

Full stack Developer (Part-time)

- Led the initiation and successful execution of a robust Learning Management System (LMS) development leveraging React, Node.js, Express, JavaScript, and MongoDB with a strong focus on implementing CI/CD practices.
- Collaborated with diverse cross-functional teams spanning educators to technical experts to customize the LMS according to specific requirements, while ensuring optimal remote content accessibility for an inaugural user base of 500+ students.
- Directed the end-to-end project lifecycle of a Learning Management System (LMS) from conducting requirement analysis to formulating strategic system architecture and culminating in seamless deployment utilizing Docker on an Ubuntu server.
- Executed compelling demonstrations for managerial stakeholders and US community teachers, resulting in a notable 15% increase in user engagement and platform understanding, underscoring dedication to agile development methodologies.

Infosys Limited, Hyderabad, India

December 2019 – August 2021

Full stack Developer

- Engineered 9 specialized service applications, showcasing robust coding proficiency in Angular, HTML, CSS, Bootstrap, JavaScript, TypeScript, and Unit Testing, driving a 20% improvement in application efficiency.
- Liaised with UI/UX designers and stakeholders to translate customer requirements into functional design elements, driving a 13% increment in customer satisfaction and ensuring alignment between user needs and design outcomes.
- Spearheaded the API integration of an innovative calendar solution, enabling personalized calendar customization, resulting in significantly elevating user experience and platform functionality by 7%.
- Played an integral role in the software development life cycle within an 11-member cross-functional team. Oversaw 15 client demos to maintain continuous alignment, transparent communication, and consistent project advancement. Employed Agile methodologies to optimize workflows through Git and Bitbucket for streamlined version control.

Key Projects

Employee Management System:

- Architected and deployed a Full-Stack Employee Management System (EMS) utilizing React for the frontend and Spring Boot for the backend, while delivering a seamless user experience with responsive frontend interactions.
- Developed resilient RESTful CRUD APIs employing Spring MVC.
- Optimized operations, enhanced performance, and reduced boilerplate code by utilizing Spring Data JPA and Hibernate ORM alongside PostgreSQL.
- Implemented Spring Security for authentication and role-based authorization, reinforced by AOP-driven centralized logging. Ensured system integrity and facilitated debugging through rigorous testing using JUnit and Mockito.

E-commerce Application:

- Conceptualized and developed a responsive e-commerce platform using Angular and Angular Material for an aesthetically pleasing and user-centric UI.

- Guaranteed an intuitive shopping experience and real-time product interactions through a scalable Node.js backend.
- Leveraged MongoDB for efficient data management and inventory, fortified with robust user authentication.
- Embraced a Test-Driven Development (TDD) approach to uphold platform stability, performance, and reliability.

Portfolio Application:

- Engineered an interactive portfolio platform using the ReactJS framework for front end and Node.js for the backend.
- Containerized with Docker for consistency and deployed on AWS for optimized availability and real-time content delivery.

Education

[Master of Science in Computer Engineering](#) | Arizona State University, Tempe, AZ (2023)

[Bachelor of Technology in Electrical Engineering](#) | Sreenidhi Institute of Science & Technology, Hyderabad, India (2019)

Licenses & Certifications

AWS Certified Cloud Practitioner