

# Sanjay Uppala

## Full Stack Developer

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### SUMMARY

Full Stack Developer with 3+ years of experience in designing and delivering scalable web applications across front-end and back-end. Skilled in building interactive, responsive UIs using React.js, Angular, JavaScript (ES6+), HTML5, and CSS3, while leveraging Node.js, Express.js, and Java Spring Boot for robust server-side development. Proficient in database management with MySQL, MongoDB, and PostgreSQL, and experienced in deploying cloud-native applications on AWS using Docker, Kubernetes, and CI/CD pipelines. Adept at collaborating with cross-functional teams in Agile environments, optimizing application performance, and delivering user-centric, high-quality software solutions.

### SKILLS

**Programming Languages:** JavaScript, TypeScript, Java, Python, C++

**Frontend Development:** HTML5, CSS3, Bootstrap, Tailwind CSS, React.js, Redux, Angular, jQuery, AJAX, JSP

**Backend Development:** Node.js, Express.js, Java Spring Boot, RESTful APIs, GraphQL, Microservices, HQL

**Databases:** MySQL, PostgreSQL, MongoDB, Redis

**Cloud & DevOps:** AWS (EC2, S3, Lambda, EKS), Docker, Kubernetes, Jenkins, GitLab CI/CD, Nginx

**Data Handling & APIs:** JSON, SOAP, OAuth 2.0, JWT Authentication, WebSockets

**Version Control & Collaboration:** Git, GitHub, GitLab, Bitbucket, Jira, Confluence, Agile/Scrum

**Testing & Debugging:** Jest, Mocha, Chai, Cypress, Postman, Selenium

**Other Tools & Technologies:** KafkaJS, Elasticsearch, Webpack, Babel, VS Code, IntelliJ IDEA

### EXPERIENCE

#### Full Stack Developer, DXC Technology, USA

Jan 2025 – Present

- Built and optimized responsive single-page web applications using HTML5, CSS3, Bootstrap, JavaScript, React.js, and jQuery, enhancing usability and cross-browser compatibility.
- Designed React.js components and React-Routes, reducing development effort and enabling scalable UI architecture.
- Enhanced frontend performance by lazy loading, state management, and code optimization, improving page load speed.
- Integrated JWT Authentication for secure user login, role-based access, and session management in web application.
- Developed seamless integrations between web applications and databases, automating data storage and retrieval to ensure efficiency, consistency, and scalability.
- Developed backend services in Node.js and Java (Spring Boot), integrating RESTful APIs to support data-driven features.
- Streamlined deployments with CI/CD pipelines in Jenkins and containerization using Docker/Kubernetes (EKS), reducing downtime by 25%.
- Deployed and managed full-stack applications on AWS (EC2, S3, RDS, Lambda, API Gateway), ensuring scalability, high availability, and cost-efficient cloud infrastructure.
- Collaborated with designers and stakeholders in Agile teams to align UI/UX with business goals, improving feature delivery.

#### Full Stack Developer, Hexaware Technologies, INDIA

May 2020 – Aug 2023

- Created and deployed 5 full-stack web applications with Node.js and React.js, implementing JavaBeans for applications, boosting user engagement.
- Designed responsive UI components with HTML, CSS, and JavaScript and optimized SQL queries for MySQL and PostgreSQL, improving user experience by 15% and reducing data retrieval times.
- Managed project issues and tasks through Jira while ensuring consistent code deployment projects in GitLab, resulting in a 20% increase in project delivery efficiency.
- Implemented JSON-based data exchange across APIs, ensuring seamless communication between front-end applications and back-end services.
- Built dynamic, server-side web pages using JSP and optimized database interactions with HQL, ensuring efficient data retrieval and seamless integration across web applications.
- Automated end-to-end testing of web applications using Selenium WebDriver, ensuring cross-browser compatibility and reducing manual QA efforts by 40%.
- Improved Java core functionalities for an application performance boost and integrated Spring Security to fortify authentication and authorization in enterprise applications.
- Built web apps with Node.js and React.js, including Hibernate for ORM in projects, halving Database query times, and optimizing JDBC queries with JSTL, improving user engagement, data access efficiency, and server response times.
- Designed responsive UIs with Bootstrap, enhanced front-end functionalities with jQuery, and incorporated Ajax for asynchronous data exchange, improving in user experience metrics and a 30% boost in page load times.
- Implemented MongoDB for projects, optimizing data storage and retrieval for a 35% performance boost.
- Automated build and deployment processes using Jenkins across projects, reducing deployment time by 50% and achieving 90% test coverage with JUnit, resulting in a 25% reduction in post-release defects.

### EDUCATION

Master's in Data Science, DePaul University, Chicago, IL, USA

Sep 2023 – May 2025