Sanjay Uppala
Full Stack Developer

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SUMMARY

Full Stack Developer with 4+ 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, Northern Trust, USA   **Jan 2025 – Present**

- Experience in front-end development using HTML5, CSS3, and other frameworks like React.js and Angular.js ensuring responsive, user-friendly, and dynamic web interfaces.
- Improved frontend performance through lazy loading, efficient state management, and code optimization, boosting page load speed and responsiveness.
- Applied JWT-based authentication and authorization for secure API communication, enabling role-based access control and session management.
- Implemented Spring MVC architecture to build scalable, robust web applications, increasing performance by 30% and reducing development time by 25%.
- Streamlined deployments by implementing CI/CD pipelines (Jenkins) and containerization with Docker/Kubernetes (EKS), reducing downtime by 25%.
- Optimized MySQL queries for faster execution and improved database performance, enhancing data retrieval efficiency.
- Deployed and managed full-stack solutions on AWS (EC2, S3, RDS, Lambda, API Gateway), ensuring high availability, scalability, and cost efficiency.
- Implemented custom data structures to streamline MVC logic, improving backend efficiency.

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**