JAYANTH DANNANA
Full Stack Developer

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SUMMARY

- Full Stack Developer with 3+ years of experience in designing, developing, and deploying enterprise-grade applications, distributed systems, and client-server solutions across various industries.
- Proficient in Agile and Waterfall methodologies through the SDLC with a good preference for Agile practices to boost team collaboration and project efficiency.
- Experienced in state management for complex applications using tools like Redux and React Context API, ensuring smooth and consistent application behavior.
- Skilled in UI/UX design and development, creating responsive web interfaces using HTML5, CSS3, Bootstrap, JavaScript, TypeScript, jQuery, and React.js, along with an understanding of Angular.js for building rich, interactive user experiences.
- Expertise in integrating and consuming RESTful APIs, managing asynchronous data flow with tools like AJAX and fetch API for seamless interaction between front-end and back-end components.
- Strong background in writing unit tests and integration tests for Java back-end services, utilizing frameworks such as JUnit, Mockito, and TestNG for maintaining high code quality and performance.
- Experience in Java-based back-end development, designing and optimizing SQL queries, and working with databases such as MySQL, MongoDB, PostgreSQL, SQL Server, DB2, and Oracle to manage data storage, retrieval, and processing.

SKILLS

Methodology: SDLC, Agile, Waterfall
Frameworks: React.js, Next.js, Redux, Angular.js, Node.js, Express.js, Vue.js, RESTful API, SaaS, Tailwind CSS
IDEs: Visual Studio Code, IntelliJ IDEA, Atom
Web Technologies: HTML5, CSS3, SCSS, LESS, Bootstrap, JSON, AJAX, jQuery, DOM Manipulation, Typescript, JavaScript

Cloud Technologies: Azure, AWS, Docker, Kubernetes
Databases: SQL, MySQL, MongoDB, SQL Server, DB2, PostgreSQL
Version Control/Other Tools: Git, GitHub, Postman, CI/CD, Jenkins, Jira, Webpack, Rally, Junit, New Relic, NgRx, RxJS, Enzyme, Jasmine, Figma
Operating Systems: Linux, UNIX, Ubuntu, Windows, Mac

EXPERIENCE

Metlife, USA | Full Stack Developer   **Jan 2024 - Present**

- Employed Agile methodologies to drive the end-to-end development cycle, ensuring iterative progress and continuous delivery of high-quality software solutions.
- Developed and maintained the MetLife CMS using Java, Spring Boot, React.js, TypeScript, and Tailwind CSS, optimizing user interactions and delivering a seamless, high-performance experience.
- Designed and integrated RESTful APIs to connect front-end and back-end systems, leveraging JSON for data transfer and optimizing the rendering of dynamic content via the virtual DOM.
- Created responsive and visually engaging user interfaces using HTML5, CSS3, and front-end frameworks like Bootstrap and Material UI, ensuring a consistent, cross-platform user experience.
- Utilized Azure PaaS services and Node.js for building scalable back-end services, leveraging asynchronous programming and Promises to handle concurrent tasks in an internal CMS environment.
- Delivered critical on-call support and participated in application deployments through Azure Kubernetes Service (AKS), ensuring smooth and resilient deployment processes with minimal downtime.
- Enhanced MongoDB query performance by implementing indexing strategies, query optimization, and database profiling, improving data fetch efficiency by 60%.

KellTon, India | Full Stack Developer   **Jan 2020 - Jul 2022**

- Led full-stack development projects using Waterfall methodology, ensuring clear project timelines, requirements gathering, and documentation throughout the development life cycle.
- Developed dynamic and responsive web applications using Angular.js, JavaScript, and Bootstrap, delivering interactive user interfaces and improving user engagement and satisfaction.
- Conceptualized AWS cloud services to deploy applications, ensuring high availability, fault tolerance, and scalable infrastructure, while integrating Docker containers for simplified application deployment and environment management.
- Designed and implemented database solutions using SQL Server, DB2, and PostgreSQL, optimizing queries and ensuring robust data management and scalability for large datasets.
- Leveraged GitHub for version control, collaborating with team members, managing code changes, and maintaining organized workflows across multiple full-stack projects.
- Created and maintained end-to-end solutions, developing back-end services in Node.js and integrating them with front-end applications built in Angular.js for seamless user experiences.
- Wrote unit and integration tests for JavaScript code and Angular services using Jasmine, ensuring reliable application functionality and reducing post-deployment issues.

EDUCATION

Master of Science in Computer Science   **May 2024**
Stevens Institute of Technology   Hoboken, New Jersey
Bachelor of Technology in Chemical Engineering   **Jun 2021**
Indian Institute of Technology Ropar   Ropar, Punjab