Arun Kumar Regonda

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Education

California State University Long Beach (CSULB) — Jun 2024
M.S. in Computer Science

KL University — May 2021
B.S. in Computer Science

Experience

Accenture — Jun 2021 - Jun 2022
Application Development Associate

- Developed and maintained single-page applications (SPA) using Angular, Node.js, and MongoDB, enhancing application performance and scalability.
- Built and integrated complex forms using Angular Reactive Forms and Template-Driven Forms, reducing form errors by 40% through robust server-side validation.
- Improved user satisfaction ratings by 20% by utilizing Angular Material and Bootstrap to create responsive, user-friendly interfaces.
- Built scalable RESTful web services with Node.js and Express.js, seamlessly connecting to front-end applications.
- Orchestrated Agile ceremonies, including sprint planning and retrospectives, enhancing team productivity by 15% and decreasing sprint delays by 20%.

Infosys — Feb 2021 – May 2021
Full Stack Developer - Intern

- Engineered a full-stack web application for scheduling and information management using the MEAN stack.
- Created a user-friendly interface, integrating front-end and back-end components for seamless functionality.
- Collaborated with the testing team and executed cross-device compatibility testing, resulting in a 40% increase in user satisfaction and a 50% rise in session duration, leading to a 10% boost in user retention.
- Integrated timely notifications and information updates, leading to a 40% improvement in event participation and a 25% increase in user engagement.

Projects

SwiftCart | HTML, CSS, and JavaScript, Firebase, Netlify

- Developed a responsive shopping cart web application using HTML, CSS, and JavaScript for a seamless user experience.
- Implemented cart functionality allowing real-time updates for adding, modifying, and removing items.
- Designed a user-friendly authentication interface that streamlined the sign-up and login processes, decreasing login time by 25%.
- Enabled cross-device compatibility to ensure consistent performance across various platforms.
- Architected an automated deployment pipeline using Firebase and Netlify that enabled seamless updates, reduced manual deployment errors by 70%, and enhanced overall application stability for end-users.

DeliDash | Java, Eclipse, Oracle, Software Development

- Spearheaded the design and creation of a Java-centric food delivery system, leveraging OOP principles.
- Initiated and led a team of 5 developers, driving the incorporation of supplementary features such as user differentiation, caching recent orders, tailored promotions, a robust notification system, and diverse payment methods.
- Applied OOP principles, including Singleton, Abstract Class, and Observer, to enhance system architecture and functionality, resulting in a 25% reduction in development time and a 15% decrease in bug incidents.

Technical Skills

Languages: C, C++, Java, JavaScript, Typescript, Python, SQL, NoSQL
Web Technologies: HTML, CSS
Databases: MySQL, Oracle, MongoDB
Tools/Frameworks: Node.js, Angular, Amazon Web Services, Maven, Spring Boot, Spring Boot Core, Spring MVC, Spring Hibernate, Kafka, REST Web Services, ServiceNow, Tableau, Postman, SharePoint Migration Tool,Firebase, Netlify, GIT and GitHub.
Certifications: Automation Anywhere RPA Professional, ServiceNow Certified System Administrator.