Soundarya Srikanta Software Engineer

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Profile

Experienced Software Engineer with around 2 years of expertise in Java, Node.js, and React.js development. Proven track record in crafting high-performing web applications, and meeting tight project deadlines. Recognized for providing technical guidance and ensuring seamless integration of diverse components within collaborative teams.

Professional Experience

Software Engineer, *Cognizant*   10/2023 – present | Remote, USA

- Worked with cross-functional teams in defining requirements and architecting system frameworks for an inventory management system, employing Java, Spring Boot, and Hibernate technologies.
- Developed resilient RESTful APIs to oversee product inventory, orders, and customer data, integrating MySQL for persistent data storage and retrieval efficiency.
- Automated inventory management tasks, including stock replenishment and order processing, through AWS Lambda functions, ensuring streamlined operations.
- Directed the seamless deployment and scaling of applications using AWS Cloud Services such as AWS Elastic Beanstalk for application deployment, AWS EC2 for virtual server hosting, Docker containers for efficient application packaging, and React for frontend development, optimizing performance during periods of high user traffic.
- Established Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins and AWS CodePipeline, automating testing, building, deployment processes for operational efficiency and system reliability.

Software Development Engineer Intern, *AWS (Amazon Web Services)*   05/2023 – 09/2023 | Seattle, WA, USA

- Engineered and executed the EC2 Metadata Collector Service for AWS Compute Optimizer, elevating data processing efficiency by 30% and seamlessly managing 40GB data feeds within a 10-minute timeframe.
- Achieved 20% cost reduction by optimizing AWS services (Lambda, S3, ECS Fargate, IAM, KMS, Step Functions) with AWS-CLI and CloudFormation techniques.
- Valuable member of a 13-person Scrum team adept at navigating diverse AWS technologies, contributing to successful project implementation and reinforcing team commitment to excellence.
- Demonstrated adept problem-solving skills, ensuring optimal system performance and cost-effectiveness in a dynamic and fast-paced environment.

Software Engineer, *Tata Consultancy Services*   11/2020 – 11/2021 | Bengalore, India

- Drove Agile and DevOps adoption at TRYG, orchestrating end-to-end development for the e-commerce portal, resulting in a notable 20% reduction in time-to-market, ensuring competitive product releases.
- Architected the backend of the portal using Spring MVC and Spring Boot, implementing robust RESTful APIs and JWT authentication. Achieved a commendable 15% improvement in system performance, enhancing data security and elevating the user experience.
- Facilitated a substantial user base growth of over 10,000 through streamlined development processes and backend enhancements, showcasing the tangible results of optimized strategies.
- Played a pivotal role in transforming TRYG's e-commerce portal into a high-performance platform, effectively attracting and engaging a broader audience while maintaining a competitive edge in the market.

Skills

Front-end Technologies
HTML5, CSS3, JavaScript, React.js, Bootstrap, Angular, jQuery, AJAX, Redux, TypeScript

Database Technologies
Oracle, PostgreSQL, MySQL, MongoDB, SQL Server, Redis, Firebase, Azure

Back-end Technologies
Java, Node.js, MVC Framework, Django, SOAP, RESTful APIs, FastAPI, Spring Boot, Maven, Micro-services, MVC Hibernate, Spring, Spring Data, JDBC, JPA, Python

Tools and Technologies
Amazon Web Services (AWS), Microsoft Azure, Agile, Git, Scrum, Visual Studio Code, GraphQL, Eclipse, Postman, Jenkins, Apache Kafka, Apache Tomcat, IntelliJ, Docker, JIRA, ServiceNow, Groovy

Education

Master of Science, *Northeastern University*   01/2022 – 12/2023 | Boston, MA
Computer Science

Bachelor of Technology, *REVA University*   06/2016 – 07/2020 | Bengaluru, India
Electronics and Communication