Sivakumar Palanisamy

Software Engineer

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Senior Java developer with 5 years of industrial experience in web application development. Delivered multiple robust features demanding technical acumen while remaining determined to produce high-quality code adhering to security, compliance and development best practices. Highly interested in Microservice and Serverless architectures with an immense commitment to continuous learning and designing architectures for scalable software applications.

Skills

Java | Spring Boot

Microservices | NodeJS

ExpressJS | ReactJS

MySQL | MongoDB

AWS | Docker

Kubernetes

Software Development

Software Architecture

Education

B.Eng. in Computer Science and Engineering
Coimbatore Institute of Technology,
Coimbatore, India.
Sept 2012 - May 2016

Certifications

- AWS - IAM, Security, Compute Services, Storage course completion certified by Amazon Web Services
- MongoDB Basics program accomplishment certification issued by MongoDB Inc.

Experience

Zoho Corporation Pvt Ltd. - Chennai, India.
Member of Technical Staff, Jun 2016 - Apr 2021

- Guided my team with database modelling for several features by reviewing domain needs.
- Contributed to Docker implementations to help fellow developers use test machines for running test cases.
- Developed an algorithm as an alternative to brute force implementation of salary auto-computation and automated the generation of nearly 1500 unit test cases to ensure the algorithm's reliability.
- Refactored and optimised compute-intensive modules in an extensible and maintainable way.
- Trained and mentored new members on product knowledge, development life cycle and best practices, high-level architecture, and troubleshooting issues.

Projects

Zoho Payroll

- Increased the performance of tax computation modules by nearly 40% after moving core tax components as a separate service.
- Staged critical tasks and updates on time with 100% customer satisfaction by organising a team and splicing a given task as granular as possible.
- Defined metrics and notification flows that boosted our troubleshooting processes and aided us in over 90% of issue fixes before producing a major customer impact.

Spring Boot - User Data Collection

- Developed an application that leverages the power of the spring boot framework, spring security and dependency injection capabilities to deliver an easy-to-use user information collection process.

App Deployment - Kubernetes

- Architected network connection between distributed services and assured the services' resiliency using Kubernetes.