Software Developer
Dubai, UAE

Subash Iyyappan

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Summary

- Motivated and Solution-oriented Software Engineer with more than 4 years of dynamic industry experience in Application Analysis, Design, Development, Deployment, Debugging, Troubleshooting and Resolving issues
- Experienced in Agile model, Scrum, Release Deployments, Delivering optimized solutions, Modernization of application along with building good rapport with internal and external stake holders
- Deep knowledge in end to end application development on front end, middle end, back end and cloud deployments

Employment

Software Engineer   **Sawaya International LLC**   **Oct 2023 - Present**

ECommerce Platform - Full Stack Developer

- Developed e-commerce websites using **React js, Node js, WordPress, PHP, MySQL, Docker, Jenkins, and Kubernetes** to deliver seamless, user-friendly online shopping experiences and data processing using python with spark and distribution process using Hadoop.
- Successfully hosted e-commerce websites on AWS using services such as **Amazon Cloud Front** for content delivery and **Amazon S3** for scalable, secure storage.
- Utilized Docker for containerization, integrated with **GitHub for CI/CD automation**, ensuring efficient deployment of applications.**two terabytes of data**. This system optimized data management from **MySQL and mongo db databases**, increasing the throughput of read services, reducing latency, and lowering costs by **AWS RDS Database Services**.
- Developed a AWS Amplify and Data dog Automation Tool using **Node js development through Rest API**, cutting developer effort by Development and deployment and resolving issues across multiple teams.
- Implemented SEO strategies and integrated Google Analytics to track website traffic, user behavior, and conversions,significantly enhancing online visibility and performance.
- Automated data uploads and processing by integrating **Excel spreadsheets with Oracle databases**, streamlining data handling tasks.
- Implemented data segregation and filtering mechanisms, ensuring data integrity and improving the quality of product information on the platform.
- Led cloud aws cost-cutting initiatives, refining Kafka configurations, enhancing database performance, and optimizing Kubernetes usage, resulting in projected savings of over **100k USD+** per month.
- Developed and deployed web applications from scratch, tailored to specific business requirements, enhancing the overall e-commerce ecosystem.
- Provided regular progress reports to the CEO, ensuring transparency and alignment with business objectives.

Application Developer   **42andmore**   **Nov 2022 – Jan 2022**

- Collaborated with senior engineers to design and develop software components for a supply chain management system using **React js** and **Node js**.
- Transformed legacy application to asynchronous **RESTful** microservice.
- Optimized database queries, reducing response time by 20 percent and enhancing system performance.
- Actively participated in Agile development processes, contributing to sprint planning, daily stand-ups, and retrospectives.
- Developed **Terraform** scripts from scratch for building Dev, Staging, Prod and DR environments
- Focused on both frontend and backend development, while also utilizing cloud services to enhance application scalability and deployment.

Software Engineer   **Kloud9**   **Aug 2021 – Jan 2022**

- Stored billions of data in various forms by adding more servers to a Hadoop cluster for distributed data

processing using BigData tools
- Maintained Big Data projects extensively working on Python implemented on Spark to filter datasets using streams.
- Implemented and enforced security measures, such as firewalls and access controls, to protect against unauthorized access **AWS IAM**, data breaches, and other security threats.
- Optimized over **100 plus SQL queries** Optimized 100+ SQL queries by analyzing patterns and implementing indexing and sub-querying.

Skills

- **Languages:** Core Java, Core Python, JavaScript, Perl, SQL
- **Frameworks and tools:**Spring Boot, Spark, Node.js, React js
- **Database:** MySQL, MongoDB, DynamoDb
- **Cloud Technology:** Azure,AWS, Digital Ocean, Kubernates, Databricks
- **Messaging Technologies:** Kafka,Redis

Education

Alagappa University, Karaikudi	**2020 – 2022**
M.C.A, Master of computer applications	
Alagappa University, Karaikudi / Ananda College Devakottai	**2017 – 2020**
B.C.A, Bachelor of computer applications	

Online Profiles

- **LinkedIn:** linkedin.com/in/subash-iyyappan
- **GitHub:** github.com/subashiyyappan1
- **Hackerrank:**https://hackerrank.com/certificates/8db80ba4d334

Achievements and Awards

- CT FEST 2021 National Level Online Symposium , conducted by Department of Computer Technology, in association with Institution's Innovation Council, PSG College of Arts and Science, Appathon competition 1 St Place