SAHANA MYSORE DEEPAK

Software Engineer

📞 +1 437-799-5316   @ sahani.sahanamd@gmail.com   🔗 www.linkedin.com/in/sahana-mysore-deepak

SUMMARY

Accomplished Backend Developer with 5+ years of experience building and optimizing scalable, high-performing applications. Proficient in **Java**, **Spring Boot**, and **microservices** architecture, with hands-on expertise in cloud-based solutions using **AWS**. Recognized for delivering reliable, secure, and efficient systems, leveraging problem-solving, and clean coding practices achieving organizational goals. Passionate about designing innovative solutions that enhance user experiences.

EXPERIENCE

Software Developer

SAP Labs

📅 09/2020 - 02/2023

A global software solutions company specializing in enterprise software.

- Developed scalable microservices to schedule analytical application and have them delivered to desired recipients using **Java 11+** and **Spring Boot**, increasing system scalability by 18% and ensuring seamless backend operations.
- Built and documented **RESTful APIs** for automated reporting feature to schedule emails to chosen recipients in PDF, PPT and CSV formats using **Java 11+**, driving a 40% boost in user engagement and a 30% improvement in dashboard performance.
- Designed and implemented a robust error-handling module in **TypeScript** to detect runtime errors and generate detailed error messages, enabling dashboard designers to create error-free stories.
- Orchestrated containerized deployments using **Docker** and **AWS**, ensuring 99.9% uptime and reducing incident resolution time by 20%.
- Participated in architectural discussions and design reviews, contributing to high-quality technical documentation.

Associate Developer

SAP Labs

📅 07/2018 - 08/2020

A global software solutions company specializing in enterprise software.

- Designed and implemented **Python SDKs** for data management applications, streamlining workflows and improving processing efficiency by 35%.
- Containerized applications with **Docker**, reducing deployment overhead by 30%.
- Optimized application performance by integrating **GPU support** in AI workloads, enhancing efficiency by 50% and cutting processing time by 40%.

EDUCATION

Master of Science in Computer Science

PES University

📅 08/2016 - 08/2018   📍 India

Bachelor of Science in Computer Science

T.John Institute of Technology

📅 09/2012 - 06/2016   📍 India

STRENGTHS

Academic Excellence

Recognized for exceptional performance and academic achievements during graduate studies.

SAP Invent Finalist

Finalist at SAP Invent, showcasing innovative solutions in a competitive environment.

Collaborative Leadership

Collaborative problem solver with a proven track record in delivering high-quality results under tight deadlines.

KEY ACHIEVEMENTS

Innovative Patents

Holder of 2 patents recognizing innovative solutions for API integration and workflow management.

CERTIFICATION

AWS Certified Developer –Associate

Currently preparing for the certification exam to strengthen expertise in designing and deploying scalable, highly available, and fault-tolerant systems on AWS.

SKILLS

Java 11+   Typescript   Python

Spring Boot   Docker   OAuth

AWS   SQL   NoSQL

RESTful APIs   Micro-services

Algorithms   Data Structures   GIT

Serverless Architecture   react.js

node.js   Agile methodologies

Javascript   Mathematics

SAP HANA   statistics