ESWARA VEGI

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Work Experience

RANDSTAD RISESMART

Software Developer | Full Stack Development | November 2020 – July 2022

- Led a team in transitioning from fixed pricing to **pay-as-you-go** billing, created a proof of concept, designed the technical architecture, and built the system, resulting in a 35% revenue increase.
- Migrated a **tomcat** web app with **50,000** active users to **Spring Boot microservices**, resulting in a significantly faster website and reduced server costs while enabling seamless scaling for **future growth**.
- Redesigned server-side rendering (**JSP**) to faster client-side rendering with **Angular**, incorporating reusable components for efficient page loading and faster shipping of front-end features.
- Developed a **REST API** that reduced processing time by copying data only when necessary, achieving a **70%** decrease in manual hours for the data migration from monolith to microservices.
- Created a system that handles large data from Excel/CSV files using **JMS** with **AWS SQS** messaging, cutting the client onboarding time for 1000 records from **3 minutes** to just **1 minute**.
- Reduced report generation time by **30%** through a Kafka-based system that automates the process and emails users the downloadable reports.
- Debugged over **25** critical production and performance issues by actively monitoring and analyzing important logs and performance metrics from the NewRelic and SumoLogic applications.

CAPGEMINI

Application Developer | August 2019 – November 2020

- Configured and implemented Java Quartz **Scheduler** jobs to automatically redact inactive user data after 30, 60, and 90 days, ensuring compliance with data privacy regulations and reducing the risk of data breaches.
- Analyzed and optimized code, eliminating redundancies, enhancing maintainability, and achieving a **4x** performance improvement with reduced latency.
- Engaged in the entire software development life cycle (**SDLC**), encompassing **requirement gathering**, coding, testing, and maintaining an internal Java tool that ensured precise billing for client services.
- Collaborated with the testing team to identify and troubleshoot defects found during all testing phases, including unit testing, integration testing, system testing, and user acceptance testing.
- Built **SOAP** web services for the internal Capgemini COVID-19 help desk portal and improved the assistance-seeking process with a **25%** reduction in resolution time.

Technical Skills

Backend Development:	Java , Spring Boot , Spring Framework, JDBC , Hibernate, JPA, ORM
Frontend Development:	Html5, CSS, jQuery, bootstrap, JavaScript, Angular Js, JSP
Messaging:	Apache Kafka, RabbitMQ, AWS SQS, JMS
Databases:	AWS RDS, MYSQL, MongoDB, AWS S3, Redis
Tools:	Junit, Mockito, Maven, Log4j, IntelliJ, Postman, Docker, Git, JIRA,

Education

STATE UNIVERSITY OF NEW YORK AT BUFFALO

Buffalo, NY | MS in Management Information Systems (MIS)

Earned a **3.9** GPA and completed relevant coursework in **system analysis and design**, database management systems, **product development** and data analytics with Python.

Projects

Performance comparison for Data-Warehouse and Hadoop
- Designed an ETL workflow for NY real estate department to assist the management in making better decisions using the historical data containing **140K** records.
- Deduced the better approach between Data-Warehouse and Hadoop implementation (processed using MapReduce & stored in Hive); generated reports to address the business queries using KNIME.

Web Development
- Developed a Java full-stack application, for Content creators (writers, editors, and designers) to publish their works online, and readers can access content online, using Spring Boot, Angular, AWS, GitHub.
- Created a base starter project for a full-fledged e-commerce app by successfully developing and integrating crucial components like API gateway, discovery service, resilience, authentication, **security**, messaging, and microservices.