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Experience

Virtusa

Jan 2022 – Present

Software Engineer

- Implemented microservices architecture using Spring boot with restful webservises, improving API response time by 25% and reducing server load by 30%.
- Implemented UI components in Angular using efficient lazy loading technique, significantly boosting the performance of the entire application.
- Optimized database calls, resulting in up to 20% performance improvements. Particularly focused on enhancing performance within JPA environments.

Projects

Account linking | Java, Spring Boot, Microservices, Angular, Oracle, Kafka, Bitbucket, Openshift etc...

- Designed and deployed a scalable RESTful API'S using Spring Boot with RESTful webservises, achieving a 30% improvement in data retrieval speed.
- Implemented database optimization techniques, including minimizing network latency, streamlining transaction management, and reducing processing overhead, resulting in up to 20% performance improvements. Particularly focused on enhancing performance within JPA environments.
- Implemented Spring Scheduler to automate user notifications, including follow-up alerts after 48 & 120 hours for non-responsive users, improving engagement and operational efficiency.

Account delegation | Java, Spring Boot, Microservices, Angular, Oracle, Kafka, Bitbucket, Openshift etc...

- Developed UI components using Angular and optimized performance by segregating components into different modules, resulting in a significant 30% reduction in rendering time and enhancing overall system efficiency
- Implemented method-level security to ensure authorization before accessing the APIs.
- Resolved distributed transaction issue between DB & Kafka, to improve overall system reliability & making things smoother for users.

Technical Skills

Frontend: HTML, CSS, JavaScript, TypeScript, Angular, Angular Material

Backend: Java, Core Java, Jakarta EE, Spring Framework, Spring MVC, Spring Boot, RESTful WebServices, SDLC, Data Structures & Algorithms, Debugging, Code Review, Java Database Connectivity(JDBC), Oracle, JPA, Hibernate, MySQL, MongoDB, API's Testing, Swagger, JUnit, Spock

Devops: Gradle, Bitbucket, OpenShift(OCP4), Kafka, Docker, Jenkins, Dynatrace, AWS, Quality Gate Sonar

Education

JNTU Anantapur

May 2021

Bachelor of Technology in Mechanical Engineering (GPA: 7.86 / 10.00)

E.S.C Government Polytechnic

May 2018

Diploma of Mechanical Engineering (%: 75.06 / 100)

Z.P.H School Inagalur

May 2015

High School studies (GPA: 8.8 / 10.00)

Achievements

- Oracle Certified Associate (OCA) Java SE 8 Programmer.
- Received Highflyer award for Q1 FY24 inside Virtusa.