

KARTIK NILLAWAR

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EXPERIENCE

PTC **07 2023 – current**

Associate Software Analyst *Pune*

- Worked on migration of existing Codahale metrics implementation to Otel metric for improved maintainability and adopted best practices.
- Additionally, optimized custom internal metric code, resulting in a 35% performance improvement.
- Automated CI/CD pipeline by designing and implementing a project-specific Docker Compose file, facilitating efficient containerized builds and deployments through Jenkins.
- Collaborated with the team to improve the performance of the access control feature on the ThingWorx platform.
- Worked closely with a cross-functional team to seamlessly integrate and deploy the access control feature across the entire project, gaining valuable insights into the project's intricacies and architecture.
- Spearheaded audit enhancement feature, resolving memory issues by implementing fixed sliding window technique to export audit logs from database to local machine efficiently.

07 2022 – 06 2023

SDE intern *Pune*

- Improved integration efficiency between two enterprise platforms (ThingWorx and Integration Runtime) by resolving a data retrieval bottleneck. This ensured timely data availability and eliminated timeout errors.
- Played a pivotal role in resolving foundational bugs within the project, contributing to overall project quality and reliability.
- Enhanced performance of multiple services by migrating them to a multithreaded architecture, resulting in significant improvement in responsiveness and throughput.

PROJECTS

Job Application  | Java, Spring boot, Postgres, Docker, Kubernetes **03 2024**

- Developed a Spring Boot application for streamlined job application processes, leveraging microservices architecture with Eureka server for scalability and maintainability.
- Utilized OpenFeign and Feign client for efficient inter-service communication within microservices.
- Integrated PostgreSQL for effective data storage, RabbitMQ for asynchronous task processing, and Zipkin for distributed tracing.
- Orchestrated Docker Compose for containerization of microservices and created Kubernetes configuration files for deployment and management in containerized environment.

ACHIEVEMENTS

Ranked **51st** from 2k in CODE-HEIST 2 conducted by Codechef Scoe

Ranked **5129th** from 1.5 lakhs in CodeKaze conducted by Coding Ninjas.

Leetcode handle : [kartiknillawar](#) (2*) 

TECHNICAL SKILLS

Languages : Java, Spring boot, Python

Database : PostGresSql, MySql, SQL Server

Development Tools : Apache Kafka , Gradle, Maven, Git and GitHub, Jenkins

DevOps : Docker, Kubernetes(K8), Helm, Jenkins, Azure

Testing Frameworks: : Junit, Mockito, Powermockito

Functional skills : JIRA, Confluence, Agile methodology, SDLC

EDUCATION

Smt. Kashibai Navale College of Engineering

B.E in Information Technology - CGPA : 8.61

Aug. 2019 May 2023

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