

Harshith K K

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PROFESSIONAL EXPERIENCE:

Outcomes India Pvt LTD

Software Engineer - 2

Bengaluru -Aug 2023 - now

- Implemented Salesforce integration with existing systems, automating key business processes and reducing manual efforts by **80%**, resulting in substantial cost savings and improved operational efficiency by **60%**.
- Developed a Spring Batch system to process over **1M+ CSV records daily**, cutting down manual effort by **80%** and ensuring stability with a custom retry and error-handling strategy.
- Optimized database performance by refactoring inefficient queries, implementing caching strategies, and reducing redundant calls—resulting in a 40% decrease in response times.
- Deployed containerized apps to **Kubernetes** clusters, using ArgoCD across multiple cross-functional teams, enabling **faster release cycles (from 2 weeks to 3 days)** and supporting **24/7 uptime**.
- Reduced document retrieval time by 20% by optimizing Elasticsearch queries for metadata-based document searches.
- Ensure 99.9% system availability, deploying services in a fault-tolerant microservices architecture on cloud infrastructure.

Tech Worked: Java, Spring boot, Nodejs, react.js, typescript ,Multithreading, Docker, AWS, EC2, S3, SNS,SQS, serverless lambda functions and event driven architecture, Webhooks, ArgoCD, micro services, Hibernate, JPA, Gradle.

Cardinal Health International India

Analyst software Engineer

Bengaluru -Sep 2022 – Aug 2023

- Built a scalable web application with Node.js, react.js, and RESTful APIs (Java/Node.js), improving load times by **30%** through caching and query optimization.
- Led the migration of monolithic legacy systems to microservices-based architecture, improving system reliability by 40% and reducing downtime.
- Implemented CI/CD automation with Concourse CI, reducing deployment time by 50% and enabling faster, more reliable releases.
- Built Kotlin Spring Boot microservices in collaboration with cross-functional teams, integrating downstream APIs to enhance platform capabilities and reduce integration time by 30%.
- Automated pre-deployment checks using GitHub Actions, catching linting issues, test failures, and build errors early—**cutting down code review time by 40%** and improving deployment success rate by **50%**.

Cardinal Health International India (Internship)

Bengaluru - Mar 2022 -Aug 2022

- Gained hands-on training in RESTful APIs, TypeScript, Node.js, DBMS, unit testing, microservices, micro-frontend, Scrum, pair programming, and documentation best practices.
- Implemented full-stack features using **React.js for frontend** and **Node.js for backend**.

◦ **Tech Worked:** Java, Typescript, react.js, node.js, Postgres, Git/GitHub, Jira, Postman, Lucid chart, HTML, CSS, Bootstrap.

SKILLS SUMMARY

- **Languages:** Java, TypeScript, Kotlin, Python, SQL
- **Frameworks:** ExpressJS, NodeJS, ReactJS , Spring boot, Mockito, Kafka, JUnit
- **Database and Other Tools :** AWS, MySQL, Postgres, Firebase, GIT/GitHub, HTML, CSS, Bootstrap, Kubernetes, Concourse,NoSql

PROJECTS

- **Excel-to-Database Automation with S3 Auditing:** Developed a Python-based tool to automate the generation of SQL insert scripts from Excel files, processing over **million rows per file** and reducing manual script writing time by **80%**. Integrated S3 upload functionality for auditing, ensuring **100% traceability** of uploaded documents.

EDUCATION:

- **NMAM Institute of Technology, Nitte.**

Karkala, Karnataka

Masters of Computer Application - GPA: 8.2

Sept 2019 - Aug 2022

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Computer Networking, Database And Management System