**Dinesh Narapareddygari**

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Summary

IT professional with 3+ years of experience in Java development, back-end applications, and REST services. Skilled in Relational databases and Spring framework, with a strong grasp of the Software Development Lifecycle. Combines technical expertise with excellent problem-solving and communication skills, thriving in collaborative environments and committed to continuous learning seeking to work as Java Backend Developer, Java Developer.

# **Education**

**University of Louisiana at Lafayette** January 2023 – May 2024

*Master of Science in Computer Science 3.91 CGPA Lafayette, LA*

**Sathyabama Institute of Science and Technology** June 2016 – May 2020

*Bachelor of Engineering in Computer Science and Engineering 3.62 CGPA Chennai, India*

# **Technical Skills**

**Programming Languages**: Java, Python,TypeScript, JavaScript, C++, C#, Kotlin

**Frameworks**: : Spring Boot, JPA, J2EE, Bootstrap CSS, Material-UI, SOAP, Mockito, Model-View-Controller, WSDL

**Frontend**: React Js, Axios, AJAX, jQuery, HTML, CSS, JSP, Redux, Angular.Js

**Backend**: NodeJs, JPA, Hibernate, ExpressJs, JDBC, Tomcat, Maven, Unix,Hadoop, Kafka

**Databases and Cloud Computing**: MongoDB, Apache My SQL, PL/SQL, PostgreSQL, NoSQL, AWS, JBoss

**Version Control and DevOps**: JIRA, Slack, SDLC, Gradle, Docker, TDD, Git

# **Experience**

**University of Louisiana at Lafayette** August 2023 – May 2024

*Graduate Teaching Assistant Lafayette, LA*

* Developed and Managed a Spring Boot REST Web API using JDBC to perform CRUD operations on a sample MySQL Database and retrieve data in XML and JSON formats.
* Tutoring sessions with students on Data Structures, Singleton, MVC, Factory Design.

**University of Louisiana at Lafayette** May 2023 – August 2023

*Student Worker Lafayette, LA*

* Created a Web and Mobile Application(iOS and Android) using Expo and React Native. Optimized data storage with Local Async Storage for offline use and integrated GCP Firebase for online functionality.

**HCL Technologies** August 2020 – December 2022

*Software Engineer Chennai, India*

* Collaborated in an Agile software development product lifecycle environment, actively engaging in cross-functional team project plans, ensuring high-quality product features aligned with customer needs and time management.
* Developed and Refactored Java and Spring-based REST API ’s to Web Development standards.
* Resolving more than 25 critical bugs in Payment gateways and Security Microservices related Source code and accomplishing user stories in JIRA by applying requirement analysis and managed production support.
* Developed frontend web applications by utilizing reactive hooks and redux framework.
* Streamlined the GitLab CI/CD Data pipeline for a Banking Enterprise software Backend SaaS using Gitlab,Jenkins and Postman API for leading to 50% reduced time in deployment in a fast-paced environment.
* Tested RESTful Web Services by writing JUnit Unit test, Integration testing test cases using Power Mockito.
* Increased Test coverage up to 80%, Troubleshooting technical issues and worked on test automation using Qtest.
* Spearheaded the generation of Detail Oriented Swagger Docs for SOAP web components, achieving a 30% reduction in Documentation time and worked in accordance with customer value, risk and compliance policies.

# **Projects**

**Spring React Job WebApp** | *React JS, Spring Boot, Cross Origin, JSP, Junit, Mockito, Spring AOP,*

* I have developed a full-stack end-to-end Web application with spring and then connect it with react frontend UI, PostgreSQL database for seamless data management and performed the testing effectively with Junit 5 and Postman API.

**Bank Web Application Hosting in AWS EKS** | *REST API, Spring MVC, AWS EKS, AWS ECR, Docker*

* Developed and Deployed a Spring MVC Application on AWS EKS Utilizing Docker Containerization image in Jenkins pipeline using kubectl, AWS CLI, AWS ECR for serverless management.

**Speech to Text Application** | *Kotlin, HTML, Java, CSS*

* Created Student Information System Mobile Application with XML and Kotlin. Implemented an interactive dashboard utilizing HTML, CSS, resulting in a 20% reduction in administrative workload and improved access to student information and key metrics.