**Dinesh Narapareddygari**

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Ready to Relocate in USA | Available Immediately | Don’t require sponsorship

I am an IT professional with over 4 years of experience in Java development, back-end applications, and React.js. My skills include relational databases and the Spring framework, and I have a strong grasp of the Software Development Lifecycle. I combine excellent problem-solving with communication skills seeking to work as Software engineer, Full stack 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** Skills

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

**Frameworks**: Spring Boot, Spring Web MVC, Spring JDBC,J2EE, Struts, .Net , Spring AOP, Spring Data JPA, Hibernate

**Frontend**: React.js, Axios, AJAX, jQuery, HTML, CSS, JSP, Angular JS

**Backend**: Node Js, JPA, Hibernate, Express JS, JDBC, Tomcat, Maven, Selenium, Gradle, Kafka, Linux Linux/UNIX, Elastic search

**Databases:** NoSQL, MySQL, PostgreSQL, MSSQL Server , Oracle, Sybase, DB2, MongoDB

**Cloud Computing**: AWS Beanstalk, AWS Cost Explorer, Cost Anomaly Detection, Budgets and Forecasting, Savings Plans,, AWS CloudFormation, AWS Tagging

**Version Control and DevOps**: JIRA, Docker, TDD, Github, Gitlab, Git, Jenkins, Kubernetes, Ansible, Bash, Linux, Atlassian Suite

**API & Web Services:** REST, SOAP UI, XML, JSON, Ready API, Postman API, Swagger API, GraphQL, AI, machine Learning, LLM

**Certifications**

AWS Certified Developer Associate

**Experience**

Skills

**HCL Technologies** August 2020 – December 2022

*Software Engineer/SQL Developer Chennai, India*

* Collaborated in an Agile software development life cycle environment and engaging in cross-functional team scrum review
* Refactored a legacy codebase from JDBC and Spring MVC to Spring Boot, Hibernate, improving and performance by 40%.
* Resolving more than 25 critical bugs in Payment gateways and Security Microservices development related Source code and accomplishing user stories in JIRA by applying requirement analysis and managed production support.
* Proficiently created and managed Pivot Tables for advanced data analysis and developed over 50 macros to automate repetitive tasks and streamline data processing.
* Streamlined the GitLab CI/CD Data pipeline for a Banking Enterprise software Backend SaaS using Gitlab, Jenkins and Postman API for testing http methods leading to 50% reduced time in deployment in a fast-paced environment.
* Refactored Oracle OpenShift services to AWS, leveraging Lambda, Step Functions, and Fargate using DynamoDB for millisecond retrieval of Data resulting in a 40% increase in system efficiency and reduced operational costs.
* Implemented and automated infrastructure using AWS Beanstalk, API Gateway, CloudFormation, and CodePipeline, while enhancing monitoring with X-Ray and CloudWatch.

**University of Louisiana at Lafayette** January 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.
* Worked as Tutor at STEP Lab to enhance the Java programming skills for the Undergraduate students.

**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, Java Web Application Development, GCP Web Services.

**ECIL** June 2018

*Intern Hyderabad, India*

* Crafted a Student Management Mobile App using Java, Kotlin, HTML to provide exam results and reduced effort up to 20%.

**Projects**

Skills

**Spring Angular Job WebApp** |Angular *JS, Spring Boot, Cross Origin, JSP, Junit, JWT, OAuth Mockito, Spring AOP*

* Developed a full-stack end-to-end web application using Spring Boot, integrating it with a Angular frontend and PostgreSQL database for seamless data management, and implemented OAuth and JWT for robust authorization.

**Quiz Microservice Application Hosting in AWS EKS** | *REST API, Spring MVC, AWS EKS, AWS ECR, Docker*

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