

Dheeraj Reddy A

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SUMMARY

Experienced Full Stack Developer possessing a Master's degree in Computer Science, with more than 5 years of specialized knowledge in Java development, Spring Boot, Microservices, Hibernate, Angular, React, AWS and associated tools. Proficient in crafting comprehensive solutions from start to finish, I offer a wealth of experience in creating resilient applications. I exhibit a knack for optimizing processes and enriching user interactions through Java technologies. Capable of spearheading projects by converting intricate needs into scalable remedies. I thrive at problem-solving and place a high value on continuous learning.

EDUCATION

University of North Texas

Master of Science, Computer Science | GPA: 3.75

Denton, Texas

Jan 2022 - May 2023

Institute of Aeronautical Engineering

Bachelor of Technology, Computer Science and Engineering | GPA: 3.58

Hyderabad, India

Jun 2015 - Jul 2019

TECHNICAL SKILLS

Programming Languages - Java, C#, Python

J2EE Frameworks - Spring Boot, Spring, Hibernate, Struts, Mockito, Junit, Data JPA, Spring Web, Spring Web Flux, Spring Security.

Web Technology - JavaScript, CSS3, SCSS, Angular, Bootstrap, AJAX, HTML5, React JS, and NodeJS

Databases - Oracle 9i/11g/12c, IBM DB2, Mongo Database, MS-SQL Server, PostgreSQL, MySQL, Cassandra, RDS, DynamoDB.

Web Services - SOAP Webservices (JAX-RPC, JAX-WS), RESTful webservices (JAX-RS)

Cloud Services - Amazon Web Services S3, Lambda, EC2, CloudWatch, EKS, RDS, Azure Active Directory, Data Factory, Databricks, Blob Storage

Tools & Technologies - Postman, Swagger, Docker, Camel, ActiveMQ, Apache Kafka, Jira, Confluence, OAuth, JWT

WORK EXPERIENCE

Full Stack Java Developer, AT&T, Texas, USA

May 2022 – Till Date

- Implemented custom exception handling and error logging in **Spring Boot** applications, reducing downtime by 20%.
- Developed GUI features using **AngularJS**, jQuery, JavaScript, CSS, HTML5, and Angular9+, resulting in a 30% increase in user engagement metrics.
- Conducted integration testing using tools like **JUnit** and **Mockito** resulting in a 25% increase in test coverage.
- Integrated **CI/CD** pipelines using **Jenkins** and **Docker**, reducing deployment time by 40%.

Java Developer, Cognizant Technology Solutions, Hyderabad, India

Dec 2019 - Jan 2022

- Improved database queries and schema design in **MySQL** and **MongoDB**, leading to a 25% reduction in query execution time.
- Utilized **AWS Services** (EC2, S3, RDS, Lambda) for building fault-tolerant applications, resulting in cost savings of 40%.
- Conducted **code** reviews and testing processes, leading to a 15% reduction in post-release defects.
- Leveraged **React** for building interactive user interfaces, developing components and hooks to enhance user experience.

Full Stack Java Developer, Teleperformance, Hyderabad, India

Jun 2019 - Dec 2019

- Practiced **Test-Driven Development (TDD)** approach, writing unit tests before implementing features, resulting in a 20% decrease in production defects.
- Enhanced communication between **Microservices** using RESTful APIs and message queues ensuring loose coupling and fault tolerance.
- Utilized the new **HTTP Client API** introduced in Java 11 to perform **RESTful API** integrations and asynchronous communication.

Java Engineer, International Technology Solutions, Hyderabad, India

Apr 2018 - May 2019

- Enabled **JIRA** for project management and issue tracking, amounting in a 20% decrease in issue resolution time.
- Assisted in the development of **RESTful APIs** using Spring Boot, contributing to a 30% reduction in API response time.
- Engineered caching mechanisms using **Redis**, improving application performance and scalability.

PROJECTS

[Search Engine Using Vector Space Model](#) | Python, Machine Learning, Prediction

- Enriched a **Search Engine** that crawls websites and builds a new search engine that is a copy of the given website using the **vector space** model.
- Optimized the Search results accuracy by 27.8%, ensuring that **accurate results** are displayed based on the search results.

[Library Management System](#) | Data JPA, Thymleaf, Spring Security

- Led the implementation of **Data JPA** in Spring Boot apps, reducing code redundancy, and boosting database performance by 30%.
- Streamlined Spring Security to fortify application security, including user authentication and authorization.

[E-commerce Website](#) | Hibernate, My SQL, Spring Boot

- Used Hibernate for **ORM** mapping within Spring Boot apps, which improved database interactions and reduced query execution time by 25%.
- Built a microservices architecture to reduce complexity and enhance application throughput by 40%.

Certifications and Achievements

- Oversaw a team of **volunteers** in a community service project that supports underprivileged children's educational needs.
- Won a **Coral award** for outstanding performance in project and Incident Management in the application.
- Received **JAVA** Certification from SSSIT institute as a J2EE developer.