ROHITH DHARURU

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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with over 4 years of experience in designing, developing, and deploying scalable applications using Java, Spring, React, and RESTful services. Demonstrated expertise in cloud development across AWS and OCI, with a strong focus on Agile methodologies and enterprise-level system architecture. Proficient in object-oriented programming, API integration, and performance optimization, with a proven ability to enhance application security and maintainability. Adept at managing the full software development lifecycle (SDLC) while ensuring high code quality and adherence to best practices. Holds a master's degree in computer science and possesses a solid foundation in data engineering, application infrastructure, and test automation.

WORK EXPERIENCE

Information Technology Specialist 2 - Programmer   Jun 2024 – Present
NYS Office of Information Technology Services   Albany, New York

- Engineered and maintained enterprise-grade applications using Java, **Spring Framework**, and **JPA** within IBM **WebSphere**, enhancing application scalability and reducing downtime by 20%.
- Streamlined front-end and back-end integration using **React**, **JavaScript**, **HTML**, and **CSS**, improving UI responsiveness and user engagement by 25%.
- Optimized complex database interactions with Hibernate and JPA, implementing advanced **SQL tuning** techniques that reduced query execution time by 30% on high-volume Oracle databases.
- Led **Agile** sprint planning and daily stand-ups, contributing to 95% on-time delivery of key user stories and fostering effective collaboration across QA, DevOps, and product teams.
- Boosted test reliability by 40% through implementation of robust unit and integration test suites using **JUnit** and **Selenium** in a TDD environment.
- Strengthened application security posture by partnering with security architects to remediate vulnerabilities, ensuring compliance with enterprise security standards.
- Designed and consumed **RESTful** and **SOAP**-based web services to enhance system interoperability and ensure seamless data exchange between internal and third-party platforms.
- Participated in architectural decision-making for distributed multi-tier systems, introducing caching strategies and concurrency controls that improved system throughput and reduced latency.

Full Stack Developer   May 2023 – June 2024
State Street   New York

- Developed and deployed **microservices-based applications** using **Spring Boot**, **Spring Cloud**, and **Java 8**, enabling scalable and modular system architecture.
- Built responsive, cross-platform UIs using **React.js**, **Redux**, **Bootstrap**, and **HTML5/CSS3**, enhancing user experience across web and mobile platforms.
- Integrated **RESTful APIs** using **React**, **Axios**, and **Spring Boot**, ensuring seamless front-end and back-end communication.
- Implemented **state management** using **Redux (Reducers, Sagas)** and optimized rendering through **React Virtual DOM**.
- Designed and consumed microservices using **Spring Cloud, Netflix OSS stack** (Eureka, Ribbon, Zuul, Hystrix) for service discovery, load balancing, and fault tolerance.
- Secured applications using **Spring Security**, **OAuth 2.0**, and **OpenID Connect**, aligning with enterprise-grade security requirements.
- Used **Hibernate** and **Spring Data JPA** for ORM and database interactions with **Oracle**, including performance tuning and query optimization.
- Containerized applications using **Docker** and deployed services on **Pivotal Cloud Foundry**, supporting CI/CD and scalable cloud-native operations.
- Applied **TDD** practices using **JUnit**, **Mocha**, and **Chai**; conducted integration testing with **Selenium** and **Cucumber**.
- Managed CI/CD pipelines using **Jenkins** and optimized front-end builds using **Webpack**.

- Integrated **Apache Kafka** and **RabbitMQ** for asynchronous messaging and real-time data processing between services.

Research Assistant   Aug 2022 – Apr 2023
University at Albany   Albany, New York

- Assisted in the design and development of web-based research tools using **React.js**, **Node.js**, and **MongoDB**, enabling interactive data visualization and real-time analytics.
- Developed full-stack prototypes to test machine learning models and algorithms, integrating **Python (Flask)** backends with **React** front ends for performance benchmarking.
- Created RESTful APIs and microservices using **Spring Boot** and **Java**, supporting data exchange between research modules and external systems.
- Implemented secure, responsive UIs with **HTML5**, **CSS3**, **Bootstrap**, and **JavaScript**, improving usability for faculty and student research participants.
- Managed version control, CI/CD workflows, and collaboration using **Git**, **GitHub**, and **Jenkins**, ensuring seamless integration and deployment of research systems.

Software Engineer   J*an* 2021 – Jul 2022
Informatica   Bengaluru, India

- Engineered robust full-stack solutions using **Java**, **Spring Framework**, and **REST APIs** to build high performance connectors and integrations within the **Informatica Cloud Data Integration** (CDI) platform.
- Spearheaded development of a **MySQL** connector supporting 100+ concurrent connections and 50+ data types, reducing integration setup time by 30% and improving throughput by 20%.
- Designed microservices to connect platforms like **Mailchimp** and **Klaviyo**, achieving a 60% improvement in data sync reliability and reducing error occurrences by 10%.
- Implemented caching strategies using **AWS S3** for optimized data access, improving data retrieval times by 20% and system **responsiveness** by 15%.
- Applied **SQL** tuning and performance optimization techniques, cutting daily data processing time for reports by 25% across large-scale relational databases.
- Authored and maintained **RESTful** APIs for internal and external data services, adhering to security and scalability best practices.
- Led regression and functional testing efforts using **JUnit** and **Selenium** in a test-driven development (TDD) environment, increasing test coverage by 50%.
- Collaborated with Agile **teams** and participated in sprint planning, retrospectives, and continuous integration workflows using **Jenkins** and Git.
- Produced detailed user and developer documentation, reducing support tickets by 15% and enhancing operational efficiency.
- Worked closely with data engineers and architects to ensure compliance with cloud architecture principles and secure API design across distributed systems.

Software Intern   Nov 2020 – Jan 2021
OpenText   Bangalore, India

- Developed and integrated 2 secure **RESTful** APIs for an e-commerce platform, streamlining product data exchange with external systems and improving response times by 15%.
- Identified and resolved communication bottlenecks by optimizing API **protocols** for image uploads, resulting in a 10% reduction in data transfer errors.
- Designed and implemented robust authentication and authorization mechanisms for RESTful APIs, enhancing the security posture of the e-commerce platform and protecting sensitive customer data.
- Collaborated with cross-functional teams to conduct **API** performance testing and load balancing, ensuring high availability and scalability during peak shopping periods.

SKILLS

Programming Languages: Java, C, C++, C#, Python, HTML, CSS, JavaScript (JS), PL/SQL, R.

Databases: Oracle, MySQL, SQL Server, PostgreSQL, MongoDB, Amazon S3, Redshift.

Technologies: Maven, REST API, Linux, Spring MVC, Hibernate, JPA.

Frameworks and Tools: Eclipse, IntelliJ, React, Redux, Reddis, Flask, SQL Developer, Putty, WinSCP, JIRA, React, Swagger, Postman, Informatica Cloud, Salesforce.

DevOps: Git, Perforce, AWS, Jenkins, Docker, Kubernetes, CI/CD

Testing and Automation: Junit, Selenium, Mocha, Chai, Cucumber