Rahul Pamukuntla

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Objective

Dedicated Java Developer with 6 months of internship experience building scalable microservices using Java, Spring Boot, and Spring Framework. Proficient in unit testing, Docker, and database technologies, with hands-on exposure to AWS Lambda and multi-threaded systems. Passionate about delivering secure, high-performance solutions and influencing team success through collaboration and analytical problem-solving in Agile environments.

Technical Skills

- **Backend**: Java (Java 8), Spring Boot, Spring Framework (Spring MVC, Spring Data), Microservices, Hibernate, Spring Security, REST APIs.
- **Frontend**: HTML5, CSS3, JavaScript, React.
- **Databases**: MySQL, PostgreSQL, MongoDB, Oracle.
- **Tools**: IntelliJ IDEA, Eclipse, Git, GitLab, Docker, JUnit, AWS Lambda, CloudFormation (basic).
- **Concepts**: OOP, Java Collections, Multi-threading, Algorithms, DBMS.
- **Methodologies**: Agile (Scrum basics).
- **Soft Skills**: Problem-Solving, Communication, Leadership, Team Collaboration.

Experience

Java Developer Intern
January 2024 – June 2024
Info Tech Company, Hyderabad
[GitHub: Employee Management System](#)

- Developed a **microservices-based Employee Management System** using **Java 8**, **Spring Boot**, and **Spring MVC**, integrating **REST APIs** for scalable data operations.
- Reduced data processing time by **40%** by optimizing **PostgreSQL** queries and implementing **Java Collections** (e.g., HashMap).
- Wrote **JUnit** test cases, achieving **90% code coverage**, and participated in **Agile** team discussions to refine features.
- Influenced team decisions by proposing API optimizations, demonstrating **leadership** in a 5-member team.

Technical Projects

Banking Web Application | Java 8, Spring Boot, MongoDB, Spring Security, AWS Lambda |
November 2024

- Engineered a secure **microservices** banking platform with **REST APIs** using **Spring Boot** and **Spring Data MongoDB**, ensuring **security** via **JWT** authentication.
- Leveraged **Java 8 Streams** for efficient data processing and **multi-threading** (Executor Service) for concurrent transaction handling, improving performance by **30%**.
- Deployed a serverless notification service using **AWS Lambda** and **CloudFormation**, exploring cloud-based scalability.
- Wrote **JUnit** tests and collaborated in **Agile** sprints to deliver scalable features.

Car Rental Web Application | Java, Spring Boot, MySQL, REST APIs |
August 2024

- Built a **microservices** car rental platform with **REST APIs** using **Spring Boot** and **Spring Security**, reducing data entry time by **40%**.
- Used **Java Collections** (e.g., ArrayList) and **Docker** for containerized deployment, ensuring **performance** and portability.
- Led API design discussions in a team of 3, influencing robust implementation and coaching peers on best practices.
- Conducted **JUnit** testing to maintain **clean, scalable code**.

Serverless Task Scheduler | AWS Lambda, Java, PostgreSQL |
October 2024

- Developed a serverless task scheduler using **AWS Lambda** and **Java**, integrating with **PostgreSQL** for task storage.
- Explored **CloudFormation** for infrastructure setup and **multi-threading** for parallel task execution.
- Demonstrated **analytical skills** by optimizing task scheduling logic, improving efficiency by **20%**.

Breast Cancer Detection | Python, Machine Learning |
BTech Major Project, 2023

- Created a **CNN** model for breast cancer detection, achieving **92% accuracy** using **Python**.
- Presented findings to faculty, showcasing **clear communication** and influencing project direction.
- Applied **analytical skills** to preprocess data, ensuring robust model performance.

Education

Bachelor of Technology in Computer Science Engineering
Siddhartha Institute of Technology and Sciences, Hyderabad
June 2019 – December 2023 | CGPA: 6.20

- **Relevant Coursework**: OOPs, DBMS, Operating Systems, Computer Networks, Machine Learning.