Abdeali Stationwala

+91 9754600552 - abdeali52.station@gmail.com - linkedin.com/in/abdeali004 - Portfolio

TECHNICAL SKILLS

Backend & Languages: Java, Python, JavaScript, Linux Shell
Frameworks & Architecture: Spring Boot, Microservices, Maven
Data Stores & Search: Apache Solr, PostgreSQL, MySQL
Distributed Systems & Messaging: RabbitMQ, Hazelcast, MQTT
Infrastructure & DevOps: Docker, Linux, systemctl, NFS, HDFS
Engineering Practices: Data Structures & Algorithms, System Design, Design Patterns, Git, Jira, Postman
Cloud Exposure: AWS, Azure, Netlify

WORK EXPERIENCE

Company: Cleartrail Technologies, Indore, M.P., India

Senior Software Engineer   **Jul 2025 - Present**
Messaging Queue Based Service   *Java Spring Boot Microservices*

- Own the design and development of Spring Boot microservices for secure messaging and high-throughput transaction workflows, focusing on reliability and scalability.
- Built and maintain an OTP-based notification service for multi-factor authentication using MQTT, integrating with external messaging gateways.
- Designed and exposed REST APIs, and improved existing endpoints by addressing latency bottlenecks and inefficient request handling in distributed environments.
- Participate in architectural discussions, review designs with cross-functional teams, and mentor junior engineers on API design and backend best practices.

Software Engineer   **Jul 2023 - Jun 2025**
Transactional Data Analyzer   *Java Spring Boot Microservices*

- Developed a Spring Boot–based service to process Solr queries and store analytical data efficiently in PostgreSQL.
- Enabled bulk CSV query ingestion using multithreading, reducing average processing latency by almost 30%.
- Implemented SHA-256 hashing, AES encryption, and syslog-based centralized monitoring for improved data integrity and observability.
- Deployed and maintained services in Dockerized Linux environments with NFS support, improving scalability and operational stability.
- Integrated the service into a multi-node Hazelcast cluster, enhancing performance and distributed query responsiveness.

Associate Software Engineer   **Dec 2021 - Jun 2023**
Query Fetcher Utility   *Python Data Processing Service*

- Developed a Python-based microservice that extracted large datasets from Solr and generated structured outputs for downstream systems.
- Enhanced data throughput by 35% using multithreading, CPU core binding, and Solr query tuning techniques.
- Applied modular design patterns to streamline the data processing pipeline, improving reliability and maintainability.
- Integrated RabbitMQ acknowledgements for real-time job tracking, improving service coordination and response time.

PROJECTS & PUBLICATIONS

- **Projects:** The Milliseconds, The Json — Utility web tools for time conversion and JSON formatting.
- **Writing:** CS Learning Path, Linux Service Guide — Articles on software engineering fundamentals and Linux services.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya   **Bhopal, M.P., India**
Master of Computer Applications (Dual Degree), CGPA: 8.58   *Jun 2017 - May 2022*