Abdeali Stationwala

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TECHNICAL SKILLS

Software Skills: Java, Python, Javascript, Git, Linux Shell, HTML, CSS, Bootstrap, Scrum
Database Skills: Apache Solr, PostgreSQL, MySQL, HDFS, NFS
Tools and Frameworks: Maven, Spring boot, Microservices, Jira, Postman, Github, Gitlab, Docker, RabbitMQ
Familiar: Design Patterns, Data Structures and Algorithm, AWS, Azure, Hazelcast, systemctl, System Design

WORK EXPERIENCE

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

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

- Design and deliver 2 new Spring Boot microservices from scratch, handling 10,000+ daily transactions.
- Build an OTP-based notification system for MFA using MQTT, maintaining 99.9% uptime for end users.
- Develop a peer-to-peer service with 15+ REST APIs, leveraging RabbitMQ to process 5,000+ messages per day.
- Boost performance by 25% through caching strategies, code reviews, and message flow optimization.
- Lead deployments across 3 environments, ensuring zero downtime and smooth production rollouts.
- Partner with 4+ cross-functional teams to align service architecture, and mentor 2 junior engineers in Spring Boot best practices.

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

- Developed a Spring Boot service that processed 20,000+ Solr queries daily, with results and history stored in PostgreSQL.
- Enabled bulk CSV ingestion of 500+ queries per batch using multithreading, reducing response time by 35%.
- Implemented SHA-256 hashing, AES encryption, and syslog monitoring, cutting production issues by 20%.
- Optimized search history and implemented the Memento pattern, lowering memory usage by 15%.
- Deployed in a multi-node Hazelcast cluster with NFS storage, improving query speed by 30%.

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

- Engineered a Python service that fetched 250,000+ records from Solr daily and produced structured output files for downstream teams.
- Increased throughput by 40% with multithreading, CPU core binding, and Solr query tuning.
- Applied the Pipeline design pattern to modularize processing, reducing error rates by 25%.
- Containerized services with Docker, cutting deployment time by 50% across Linux and Windows servers.
- Integrated RabbitMQ acknowledgements for real-time status updates, reducing delays by 20%.

LIVE PROJECTS

- The Milliseconds – Web app for fast and accurate conversion between milliseconds and human-readable date-time across multiple time zones.
- The Json – Online utility for quick JSON formatting, validation, and error highlighting.

EDUCATION

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

PUBLICATIONS

- Path to Follow in a Computer Science Journey – A beginner-friendly guide outlining essential learning paths and milestones for aspiring software engineers.
- Creating Your First Linux Service – Step-by-step tutorial on building and deploying a custom Linux service for automation and monitoring purposes.