

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

- Designing and developing new Spring Boot microservices to handle secure messaging and high-throughput transaction processing.
- Building and maintaining an OTP-driven notification module for multi-factor authentication using MQTT and third-party gateway integrations.
- Implementing new REST APIs and optimizing existing endpoints to improve request latency and scalability across distributed systems.
- Collaborating with cross-functional teams for architecture reviews while mentoring junior developers on Spring Boot best practices and API design.

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.

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.