

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, Microservices, Jira, Postman, Github, Gitlab, Docker, RabbitMQ

Familiar: Design Patterns, Data Structures and Algorithm, AWS, Azure, Hazelcast, systemctl, System Design

WORK EXPERIENCE

Software Engineer

Cleartrail Technologies, M.P., India

July 2023 - Present

- **Scrum Master Leadership:** Led an 8-member Agile team, ensuring smooth sprint execution and backlog prioritization while using Git for seamless version control.
- **Hadoop System Optimization:** Enhanced big data processing by 30% through expertise in HDFS and distributed computing.
- **Performance Optimization with Design Patterns:** Leveraged Memento Design Pattern to improve service efficiency by 25% for faster search history reversion.
- **Resource Download Feature:** Developed a scalable Java-based feature, increasing user engagement by 30% while ensuring seamless multi-threaded processing.
- **Python-Based Core Binding:** Implemented multi-threading in Python, optimizing core binding and reducing process execution time by 20%.
- **Advanced Database Management:** Designed and optimized PostgreSQL queries, improving database response time by 35%.
- **Linux Services & Automation:** Authored Linux services using systemctl, reducing operational overhead by 40%.
- **Server Management & Bash Scripting:** Automated server tasks via Bash scripting, boosting deployment efficiency by 20%.
- **Messaging & Asynchronous Processing:** Integrated RabbitMQ for efficient message queuing and asynchronous task execution, improving system responsiveness.
- **Scalable System Design:** Designed and implemented microservices-based architectures with Spring Boot, ensuring scalability and modular development.

Associate Software Engineer

Cleartrail Technologies, M.P., India

December 2021 - June 2023

- **Video/Audio Processing:** Engineered a Python-based media conversion service, achieving 3x faster processing with a 92% accuracy rate.
- **Redesigned Windows-based Solr data processing services,** leading to a 40% reduction in memory consumption and a 60% increase in processing speed.
- **Search Indexing:** Enhanced Apache Solr indexing for faster query retrieval, improving search efficiency in large datasets.

PROJECTS

1. [themilliseconds](#), a one-stop solution for seamless conversion between milliseconds and date-time across various time zones.
2. [thejson](#), a comprehensive platform for effortless JSON formatting and validation, and an intuitive editor for crafting or modifying JSON scripts.
3. [theurl](#), go-to hub for efficient URL encoding and decoding, complemented by a user-friendly editor.

PUBLICATIONS

- Path to follow in Computer Science Journey— Beginner's Guide. [Link](#)
- Understanding and Creating Your First Linux Service. [Link](#)

EDUCATION

Rajiv Gandhi Proudlyogiki Vishwavidyalaya

Bhopal, M.P., India

Master of Computer Application (Dual Degree) with CGPA of 8.58.

June 2017 - May 2022

ACHIEVEMENTS

- Thrice recognized as 'Star of the Month' for exceptional innovation and development in both Windows and Linux.
- Attained a global ranking of 2344 in the Google Kickstart Competition, solving 3+ programming problems and showcasing the ability to compete against a diverse pool of international talent in coding challenges.