Abdeali Stationwala

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

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.
- 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.
- Hadoop System Optimization: Enhanced big data processing by 30% through expertise in HDFS and distributed computing.

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 Proudyogiki 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.