

# Abdeali Stationwala

Software Engineer

abdeali52.station@gmail.com | +919754600552 | linkedin.com/in/abdeali004 | themilliseconds

## EDUCATION

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, INDIA**

**MASTER OF COMPUTER APPLICATION (DUAL DEGREE)**

June 2017 - July 2022 | GPA- 8.58

## LINKS

- Credly:// abdeali004
- Github:// abdeali004
- Leetcode:// abdeali004
- CodeChef:// abdeali004
- Medium:// abdeali004
- Stackoverflow:// abdeali004
- Hackerrank:// abdeali004

## SKILLS

### SOFTWARE SKILLS

Java • Python • Javascript • Git • Shell

### DATABASE SKILLS

MySQL • PostgreSQL • Apache Solr

### WEB SKILLS

HTML • CSS • Bootstrap

### CLOUD

AWS • Azure

### TOOLS

Postman • Jira • Github • Bitbucket • Docker • RabbitMQ • Java Management Extensions

### FRAMEWORKS

Django • Maven

### FAMILIAR

Machine Learning • Data Structure • Operating System • System Design

## CERTIFICATIONS

- Microsoft: Azure Fundamentals
- Scrum Professional - SFPC™
- Microsoft Python - Certified
- Java Training: Objects and APIs
- Java Training: Syntax and Structure
- Java: Build Automation with Maven
- LinkedIn: PostgreSQL Training
- Cyber Security - CSFPC™
- Coursera: Data Science Math Skills
- Web Application: Django
- Google: Digital Marketing
- Introduction to Git and GitHub
- Google: Digital Marketing
- ...more

## EXPERIENCE

**CLEARTRAIL TECHNOLOGIES INC.** Indore, M.P. India

**SOFTWARE ENGINEERING | JULY 2023 - PRESENT**

**ASSOCIATE SOFTWARE ENGINEERING | DECEMBER 2021 - JUNE 2023**

**1. DEVELOPED JAVA RSA AND AES ENCRYPTION/DECRYPTION PACKAGES.**

- Accomplished the algorithms 75% faster than the previous, which results in better end-to-end encryption in the services.

**2. CREATED PYTHON SERVICE VIDEO/AUDIO CONVERTER.**

- Assisted service to other components to convert videos/audios to multiple formats with 3 times faster conversion rate and 97% corrupt-free algorithm.

**3. DEVELOP, TRANSCRIPTION AND TEXT TRANSLATION AUTOMATION SCRIPTS.**

- Created a python service to communicate through API for fetching results and used Azure cloud services. Also, supplant the existing model with approx 65% time optimization.

**4. DELIVERED SUPPORT FOR SYSLOG SERVER FOR BETTER LOG MANAGEMENT.**

- Created a Java interface to allow Java services to interact with Syslog 2 times faster than the previous design and algorithm.
- Managed Syslog server on a Linux machine and handled multiple requests of different components, reducing the overall load by 35%.

**5. RE-ENGINEER A SERVICE THAT PROCESSES BULKS OF DATA PER SECOND.**

- Developed a Windows service that reads/writes/updates a large (100mb+) amount of data continuously on the Solr database.
- Replaced existing system and achieved 40% (average) memory optimization and 80% (approx.) time optimization overall.

## PROJECTS

**THEMILLISECONDS | WEBSITE**

January 2023

- Developed in **Bootstrap 5** and **Javascript**, a tool which helps users to decode the time present in the database in the format of milliseconds (Epoch).
- We provide users with a platform where they can convert milliseconds to date-time and vice-versa with more than 500 countries' timezones.

**JOTTING | SOURCE CODE**

June 2022 – July 2022

A brief note-saving web app where you can create, send and update thousands of notes anytime, anywhere.

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## ACHIEVEMENTS

2022 Star of the month  
2021 Worldwide Rank 2344

For Video/Audio Converter and Transcription features  
Google Kickstart Competition