

Abdeali Stationwala

Software Engineer

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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. | ASSOCIATE SOFTWARE ENGINEERING

December 2021 – Present | Indore, M.P. India

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