Abdeali Stationwala

Software Engineer

abdeali52.station@gmail.com | abdeali004.netlify.app | 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
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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 | For Video/Audio Converter and Transcription features |
| 2021 | Worldwide Rank 2344 | Google Kickstart Competition |