

# ABDEALI STATIONWALA

## Software Engineer

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## Work Experience

### Associate Software Engineer at Cleartrail Technology Inc. (Impetus Technologies), Indore, M.P., India

December 2021 – Present

#### 1. Developed Java RSA and AES Encryption/Decryption packages.

- Created a Java module to support encryption/decryption input/output flows for other services.
- Other services interact with the interface of this module to obtain the result.
- Given both RSA and AES algorithms for better encryption in different use cases with 75% faster than the existing algorithm.

#### 2. Created Video/Audio Converter Python Service.

- Given support to other components to convert videos/audio to multiple formats according to their need with 90% corrupt free.
- Also, given the support to split the videos and audio according to the time intervals.

#### 3. Develop, Transcription and Text Translation automation scripts.

- Involved in creating a python service to take input from a file, transcript it, and dump the result for other components to read.
- Used Azure cloud services and given support to transcript the content from one language to another.
- Communicated through API for fetching results and used python module. Also, supplant the existing model with approx 65% time optimization.

#### 4. Delivered support for Syslog Server for better log management.

- Created a Java module to allow Syslog to interact with other Java services.
- Managed Syslog server on a Linux machine and handled multiple requests of different components.

#### 5. Re-engineer a service that deals with bulks of data per second.

- Developed a Windows service that reads/writes/updates a large amount of data continuously on the Solr database.
- Used multiple APIs to interact with the database concurrently.
- Developed a properly Object Oriented service for this support which uses multiple threads to achieve the task.
- Replaced existing system and achieved 42% (average) memory optimization and 80% (approx.) time optimization overall.

## Education

### Master of Computer Application, IPS Academy, Indore, India.

June 2017 – July 2022

GPA: 8.58

Affiliated: Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, India

## Personal Info

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## Links

- [github.com/abdeali004/](https://github.com/abdeali004/)
- [credly.com/users/abdeali004/badges](https://credly.com/users/abdeali004/badges)
- [abdeali004.medium.com/](https://abdeali004.medium.com/)
- [stackoverflow.com/users/14785423/abdeali004](https://stackoverflow.com/users/14785423/abdeali004)
- [leetcode.com/abdeali004/](https://leetcode.com/abdeali004/)
- [codechef.com/users/abdeali004](https://codechef.com/users/abdeali004)
- [hackerrank.com/abdeali004](https://hackerrank.com/abdeali004)

## Skills

### Software Skills

Java  
Python  
JavaScript  
Git

### Database Skills

MySQL  
PostgreSQL  
Apache Solr

### Web Skills

HTML  
CSS  
Bootstrap

### Cloud Skills

Azure  
AWS

### Tools

Postman  
Jira  
Github  
Bitbucket  
Docker  
RabbitMQ  
Java Management Extensions

### Frameworks

Django  
Spring

## Projects

TheMilliseconds | [Website](#) 

January 2022

|            |  |
|------------|--|
| Detail     | theMilliseconds is a website that helps users decode the time, which is present in the database in the format of milliseconds.   |
| Purpose    | We provide users with a platform where they can convert milliseconds to date-time and vice-versa. Not only this, we provide users to choose the time zone in which the millisecond's data is stored. |
| Tech Stack | HTML, CSS, JavaScript, Bootstrap.  |

Jotting

June 2022 – July 2022

|            |  |
|------------|--|
| Detail     | A brief note-saving web app where you can create, send and update thousands of notes anytime, anywhere.  |
| Purpose    | To deliver users a platform where they can add and send notes through mail. Also, used the SENDINBLUE SMTP service for note-sharing and OTP functionality. |
| Tech Stack | HTML, CSS, JavaScript, Bootstrap, Python, Django, SQLite,  |

Blog Square

April 2021 – May 2021

|            |   |
|------------|---|
| Detail     | A blogging website designed to gain and share knowledge on a single platform via blogs. |
| Purpose    | To bring a platform for users who love to share their knowledge through blogs/articles. |
| Tech Stack | HTML, CSS, JavaScript, JQuery, Bootstrap, Django, SQLite, Simditor (WYSIWYG Editor).    |

InCity

January 2021 – March 2021

|            |  |
|------------|--|
| Detail     | An Ecommerce website.  |
| Purpose    | The idea is to merge all three types of users (Wholesalers, retailers, and customers) on a single platform to fulfill their needs within the city. |
| Tech Stack | HTML, CSS, JS, Bootstrap, JQuery, Python, SQLite, PayPal API.  |

Movie Bank

April 2020 – May 2020

|            |   |
|------------|---|
| Detail     | A Movie Search Engine Website that provides information about thousands of movies and series.   |
| Purpose    | To deliver a platform where users can see the description, cast info, trivia, and the sentimental score of a movie/series on a single page. |
| Tech Stack | HTML, CSS, JavaScript, Bootstrap, Python, Django, SQLite.   |
| Modules    | TextBlob, Web Scrapping, and Beautiful Soup.  |

## Achievements

1. **Star of the month** (Feb 2022) for delivering Video/Audio Converter, Transcription, Text Translation, and Speaker identification features.
2. **Worldwide Rank 2344** in Google Kickstart Round-E.
3. Achieved **5 stars** on HackerRank and **3 stars** through Codechef competitions.

## Languages

English, Hindi, Gujarati

### Teamwork Skills

Communication  
Conflict resolution  
Decision-making  
Rapport-building and listening

## DSA Problems Solved

- **Leetcode:** 200+
- **Hackerrank:** 100+
- **Self** (including competitions such as Kickstart): 250+

## Certifications & badges

- Microsoft Certified: Azure Fundamentals
- Scrum Foundation Professional Certificate - SFPC™
- Microsoft Python - Certified
- LinkedIn: PostgreSQL Essential Training
- Coursera: Introduction to Git and GitHub
- Coursera: Python to Interact with the Operating System
- Cyber Security Foundation Professional Certificate - CSFPC™
- IBM: Statistics 101
- Coursera: Data Science Math Skills
- Coursera: Introduction to Calculus
- Coursera: Marketing Analytics
- Google: The Fundamentals of Digital Marketing
- Web Application Technologies and Django
- Microsoft Excel: Complete Excel Guide
- IBM: Data Science Foundations - Level 1 & 2
- IBM: Cloud Core