

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/
- credly.com/users/abdeali004/badges
- abdeali004.medium.com/
- stackoverflow.com/users/14785423/abdeali004
- leetcode.com/abdeali004/
- codechef.com/users/abdeali004
- 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

Hobbies

- Playing Chess
- Writing Blogs