

# SAHIL SAVAJ

Mumbai, India

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LinkedIn

GitHub

HackerRank

LeetCode

## EDUCATION

**Dwarkadas J. Sanghvi Engineering College**

BTech Electronics and Telecommunication (8.77/10)

August 2019 – June 2023

Mumbai, India

## PROFESSIONAL EXPERIENCE

**IDfy Identity Verification**

December 2022 – April 2023

Software Development Engineer Intern

Mumbai, India

- Designed multiple **Crawlers** that provides data through an API Call with TAT under **2 secs**.
- Developed a **Bulk Job Automation API** that gathers information from several corporate apis to meet client needs. Designed using **multi-threading** principles for approximately **100rps**.
- Refactored Instrumentation and Tags for API log data, to monitor services in **Grafana** and **Metabase** with upto **94%** accuracy.
- Redefined Test automation script which covers **85%** of API's testing with **100%** accuracy.

**Anand Rathi Wealth Ltd.**

July 2022 – October 2022

Backend Developer Intern

Mumbai, India

- Restructured Dockers and AWS Lambda API to run **20-25%** more efficiently, which cuts down on run-time and lowers costs.
- Redesigned a Report Generating module's run time from **28 seconds to 13 seconds** by modifying its working dependencies to **Dynamic HTML-TO-PDF**.
- Implemented method for storing all the logs from **3 servers** with a **73% compression**, freeing up more cloud storage in **AWS S3 Bucket** as well as **Glacier**.

## ACADEMICS PROJECTS

**Online Examination Monitoring** | Python, ReactJS, Docker, PostgreSQL, Git | Repository

December 2022 - Ongoing

- Reviewed, Online Exams require a system with **100%** security to prevent malpractice, along with being user-friendly and cost effective.
- Conceptualized & Created web application that offers exams online while imposing restrictions and **preventing 90% malpractices** by students.
- Developed back-end in Python using **FastAPI**, for reaction times round **10-12 millisecond**. **ReactJS** was used to create the UI, which suitable interface.

**E-Library** | Python, JavaScript, HTML, CSS, PostgreSQL, AWS, Git | Repository

July 2022 - September 2022

- Orchestrated idea to make all subject books endorsed by previous batches, allowing students to save **30-40%** of their time by accessing all of the solutions in a single vicinity.
- Built Free Online Library with **200+ Handwritten** and **100% Verified** Notes for Students Preparing for Entrance/Boards Exam.

**Portfolio Website** | Python, FastAPI, React, Deta-Cloud, Git | Website

March 2023 - April 2023

- A **100%** self-developed website, describing **myself**, my **professional exposure** as well as my **skills visually**.
- Developed on tech stack of **React** and **Python(Fast-API)**.
- Running and Deployed on **Netlify** and **DetaSpace**

## SKILLS

- Languages:** Python, JavaScript, Elixir, SQL, Bash, HTML, CSS
- Frameworks/Libraries:** Flask, React, Django, Node, Fast API, DeepFace, Multithreading
- Platform/OS:** Linux, Windows, AWS(Lambda, S3-Bucket, RDS, EC2(Beginner)), GSC(Nodes, Pods, Storage, Logs), Heroku, Netlify, Ubuntu, Arch
- Tools:** Kubernetes, Docker, Grafana, Metabase, BitBucket, GitLab, Git, PostgreSQL, MySQL, SQLite, RabbitMQ, Crawlers
- Soft Skills:** Self-assurance, Open communication, Patience, Acceptance, logical reasoning, innovation, Leadership, Public Speaking