SHYAM SARTANPARA

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SUMMARY

Problem solver with strong competency in Python & Java programming Language. Having hands-on experience of Elastic Stack (Elasticsearch & Kibana) and Android Development. Additionally, I am also skilled in DBMS, SQL and API development with Flask Framework. Also, I possess fast learning abilities, adaptability, and a constant willingness to acquire new knowledge and skills.

EDUCATION

Bachelor of Computer Engineering, Gujarat Technological University   2019 - 2023
Government Engineering College, Gandhinagar   8.68 CGPA

Higher Secondary Certification (HSC), Science Stream   2019
The School of Science (SOS), Rajkot   87.38%

Secondary School Certification (SSC)   2017
S N Gurukul, Rajkot   91.17%

INTERNSHIPS

Backend Engineer - Intern   Jan 2023 - May 2023
Downtown Technologies Pvt. Ltd.   *Ahmedabad, India*

- Demonstrated strong skills in Python, API development using Flask, DBMS, SQL, Elasticsearch, and Kibana.
- Built and deployed an Elasticsearch instance to significantly enhance product search accuracy, achieving an impressive improvement from 68% to 99.9%, which is being used by 100K+ users.

Summer Internship   Jun 2022 - July 2022
TatvaSoft   *Ahmedabad, India*

- Developed a website called Book-E-Sale using React with TypeScript for the frontend and .NET Core Web API with PostgreSQL database for the backend. (Frontend GitHub Link) (Backend GitHub Link)
- The website enables sellers to add books for sale, while buyers can browse and purchase the available books.

PROJECTS

Multi-weighted Search with Intent Classification - An efficient search system for approximately 1.2 million products from various Indian brands on Shopify.

- Implemented dataset filtering, preprocessing, and created a machine learning model for predicting product categories from more than 370 categories.
- Developed a user-friendly Flask app, indexed products using Elasticsearch, and achieved exceptional speed, accuracy, providing a rapid and effective search experience to users. **(GitHub Link)**

FlexStudy - An Android application platform developed using Java with NoSQL database (Firestore), hosted on Cloud platform, Firebase.

- Published two separate Android applications on the PlayStore: **FlexStudy - Student** for students to post tutoring needs and **FlexStudy - Tutor** for teachers to search and respond to student posts in their locality.

SKILLS & CERTIFICATIONS

Major Technical Skills	Python, Flask Framework, Elasticsearch & Kibana
Other Technical Skills	PostgreSQL, Android Development, Firebase, GitHub
Cleared InfyTQ - 2022 Certification Round	Java, DBMS, SQL, Algorithms, Data Structures, NoSQL
Java Certification ID: 9EEBFBC28375	OOPs Concept, Problem Solving Ability