

VEDANT PARIKH

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Technical Skills

Languages & Frameworks: Python, C/C++, JavaScript, Flask, FastAPI, Django
Python Libraries: NumPy, Pandas
Clouds & Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB), AWS
Developer Tools: Version Control (GitHub, BitBucket, etc.), Docker, Nginx Web Server, Postman

Work Experience

Genesis Artificial Intelligence

September, 2023 – Present

Software Engineer

Onsite

- Our product **AutoSift** is an Account Analysis portal designed to help financial institutions convert digitized documents into structured, analyzable data. By allowing users to upload both searchable and scanned documents, AutoSift extracts, formats, and presents key financial insights for simplified data processing and review.
- Engineered core financial data extraction logic using libraries like **PyMuPDF** and **PyPDF2** to convert unstructured documents into structured insights, enabling faster analytics and decision-making for banks, lenders, and FinTech clients.
- Built and maintained the analyzer component responsible for advanced computations, summaries, and report generation. Leveraged **Python**, **Django**, **NumPy**, and **Pandas** to deliver scalable, production-grade analytics tools tailored to high-volume data environments.
- Designed and implemented a robust pipeline to deliver extracted financial insights in both **Excel** and **JSON** formats, aligned with client-specific templates. This system ensures seamless integration into clients' internal reporting and analytics workflows.

Crest Data

November, 2023 – August, 2024

Software Engineer

Onsite

- Contributed to the development of a **SaaS-based SIEM Migration Tool** that enables users to seamlessly migrate alerts, dashboards, and visualizations across different SIEM platforms. Specifically developed the alert migration module to fetch, structure, and transfer alerts from **Splunk** to **Elastic**. Developed RESTful APIs with **FastAPI** and interactive frontend components using ReactJS to streamline migration workflows, improving automation and data integrity.
- Also worked in the **Google CBN Parser Development** by analyzing logs, generating mapping sheets, and automating UDM configuration, enhancing client log visibility and detection in **Google Chronicle** Platform.

TenUp Software Services

May, 2023 – July, 2023

Software Engineer Intern

Onsite

- Implemented **spaCy** NLP models and deployed scalable RESTful APIs on an **Nginx Web Server** to extract key resume data, streamlining recruitment and enabling real-time integration with HR systems.

Projects

ResumeParser: Resume Detection and Information Extraction through Machine Learning

[Source Code](#)

- Developed a Machine Learning-based solution for automated resume parsing and information extraction during my Summer Internship at **TenUp Software Services**. The project addresses the inefficiency of manual resume screening by leveraging intelligent algorithms to identify and extract key candidate details such as contact information, skills, education, experience etc.
- Designed and implemented a scalable backend using **Flask**, integrating NLP techniques with libraries such as **spaCy**, **Pandas**, **NumPy**, and **Scikit-learn** to preprocess, analyze, and structure unstructured resume data effectively.

Translator & OCR Reader

- A versatile text processing tool in **Python** that integrates text translation, image text extraction (OCR), and speech-to-text conversion into a single, user-friendly interface.
- Built an AI tool using **GoogleTrans**, **OpenCV**, **Tesseract**, and **SpeechRecognition** for real-time translation, OCR, and speech-to-text, showcasing automation and accessibility use cases.

Education

Dharmsinh Desai University, Nadiad

2020 - 2024

B.Tech (Computer Engineering)

8.35/10.0 CGPA

Achievements

- Secured **GATE Qualification** in 2023 & 2024, a testament to expertise in Computer Science & Engineering.
- 3 Star** Coder (Highest Rating 1719) on CodeChef.
- 5 Star Python** Coder on HackerRank.
- Achieved a **Global Rank of 60** in the CodeChef August Long Challenge 2022 (Division 3, Rated).