

Harsh

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Professional Summary

Dynamic and results-oriented Python developer with over 1 year of experience in web automation and API development. Proven track record of delivering automated data scraping workflows and built APIs. Skilled in Python, Selenium, Fast API, SQL, React, MongoDB. Seeking to leverage expertise in building efficient backend systems and automation tools to contribute to a dynamic team building modern, scalable backend systems.

Experience

Jr. Python Developer

September/2023 – October/2024

Ocius Technologies LLP – Ahmedabad, Gujarat

- Created a web scraper to collect data and store it in a SQL database.
- Rebuilt a salary slip system using React and Python, replacing the old .NET and Vue.js setup.
- Built a website that extracts details from invoice PDFs, displays them on the site, and allows downloading of raw data.
- Worked with a team to scrape websites and send verified code to Airflow for automation.

Python Developer Intern

April/2023 – June/2023

Ocius Technologies LLP – Ahmedabad, Gujarat

- Led [project/team/initiative], resulting in [measurable outcome].
- Improved [process/metric] by [% or value] through [action taken].
- Collaborated with [departments/clients] to [achieve goal].

Projects

Waste Management Efficiency Prediction – [Link](#)

- Built and deployed a **machine learning model** to predict waste management efficiency.
- Implemented **data preprocessing pipeline** with encoding, scaling, and model persistence using Joblib.
- Developed a Flask REST API for serving predictions and deployed it on Render Cloud.
- Optimized performance with **cross-validation and hyperparameter tuning** for higher accuracy.

Climate Hazard Trend Analyzer – [Link](#)

- Built a tool to analyze and visualize **heatwave trends by region** using real-world climate data.
- Designed interactive charts to highlight high-temperature zones over time.
- Integrated data filters for users to view patterns by city, state, or custom coordinates.

Education

Banaras Hindu University

Master in Computer Application

CGPA: 7.8

2023

Varanasi

Certifications

- Data Science for Engineers NPTEL - [Link](#)
- Natural Language Processing NPTEL - [Link](#)

Skills

- Programming Languages: C, Java, Python, JavaScript
- Tools: Docker, Jira
- Databases: SQL, MySQL, MongoDB
- Domains: Web scraping, Automation, API development, Data Science, Data Analyst
- Frameworks: Flask, Django, React
- Libraries: Selenium, BeautifulSoup, Pandas, Numpy, Pytorch, Tensorflow