

# Devam Sonigra

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## PROFESSIONAL SUMMARY

Backend Developer with expertise in **Python**, **API development**, and data management. Experienced in **web scraping** and familiar with the **Spring Framework**. Interested in data analytics and optimizing system performance.

## EDUCATION

**VIT Bhopal University**, Bhopal, Madhya Pradesh.

**B. Tech in Computer Science Engineering**, CGPA 8.75/10

October 2022 – June 2026 (expected)

## PROFESSIONAL EXPERIENCE

**Python developer intern**

November 2024 – Present

*Alcity Solutions LLP (Ahmedabad, Gujarat)*

- Developed web scraping pipelines for platforms like CarDekho and NSE/BSE.
- Implemented advanced techniques to bypass bot detection, including rotating proxies and user-agent spoofing.
- Cleaned, transformed, and stored data in SQL databases, for analytics and decision-making.
- Implemented OCR to extract data from financial results posted by companies.
- Created a Telegram bot that notifies user of new announcements made by companies on NSE/BSE.

## PROJECTS

**Job Listings Website** (Java, Spring, MongoDB)

February 2025

- Developed a platform for job seekers using **Spring Framework**, allowing users to add and browse job listings.
- Utilized **MongoDB** for data storage.

**NLP-based sentiment analysis** (Python, Scikit, Pandas, Matplotlib, Seaborn) [\[Github\]](#)

September 2024

- Built sentiment analysis models for movie and flight reviews using **NLP (Scikit-Learn)**
- Developed pipelines for text preprocessing and evaluated models with accuracy and F1-score.

**NSE/BSE Document Fetcher** (Python, BeautifulSoup, Selenium, MySQL, AWS EC2)

July 2024

- Automated real-time announcement scraping with Python and API requests.
- Ensured bot detection bypass via proxies and custom request headers.

**Healthy Leaf** (Python, Flask, Tensorflow, Numpy) [\[Github\]](#)

April 2024

- Created an AI tool for plant disease detection using image analysis.
- Enabled photo-based disease identification with treatment recommendations.

## SKILLS

**Programming Languages:** Python, Java, C++, SQL

**Frameworks/Libraries:** Flask, Spring Boot, Selenium, Scikit-learn, Pandas, NumPy

**Tools & Technologies:** Git, Linux, MySQL, MongoDB, REST APIs, Web Scraping, Version Control, AWS

**Courses:**

- [Python for Machine Learning & Data Science Masterclass](#) (Udemy - Jose Portilla)
- [100 Days of Code: The Complete Python Pro Bootcamp](#) (Udemy – Angela Yu)
- [The Bits and Bytes of Computer Networking](#) (Coursera – Google)

## OTHER EXPERIENCES

- **Attendee:** c0c0n 2023 – Cybersecurity Event by Kerala Police
- **Event Admin & Graphic Designer:** Gujarati Club, VIT Bhopal

## MISCELLANEOUS

**Languages:** English, Hindi, Gujarati

**Coding platforms:** [Leetcode](#) | [Hackerrank](#) | [Geeksforgeeks](#) | [CodingNinjas](#) | [CodeChef](#)