

ADITYA KUMAR

Personal Summary

I'm a self-motivated B.Tech CSE student (2027 batch) with a strong interest in backend development. I've been building projects using Python, Flask, and REST APIs, and I enjoy solving real-world problems through automation and web scraping. I'm now looking for an opportunity to intern at a Company, where I can learn from industry experts, grow my skills, and contribute meaningfully to a real development team.

Experience

McKinsey Forward Program - Core Skills Level

04/2025 - 07/2025

- ✓ Training on structured thinking, effective communication, and collaboration in tech environments.

IHUB Divyasampark Roorkee (DST & IIT Roorkee, NM-ICPS) - AI Training Program

03/2025-03/2025

Focus: Hands-on applications of AI/ML, Edge AI, IoT, Computer Vision, and Generative AI

- ✓ Worked on Predictive Maintenance with Industrial Equipment, Smart Agriculture (Crop Disease Detection), Helmet Detection for Industrial Safety, and AI Interview Prep App

CodTech IT Solutions - Python Intern

11/2024-12/2024

- ✓ Completed a 6-week internship focusing on core Python and project-based learning.
- ✓ Built end-to-end applications using Tkinter and Flask.
- ✓ Automated tasks using Python scripting and Selenium

Projects

BEU Result Automation System

[\[Github Link\]](#)

Automated the entire semester result retrieval process using Python and BeautifulSoup, reducing manual effort by 97%. Generated final output in user-selected formats (CSV, XLS, TXT, PDF) with customizable CGPA sorting (ascending/descending).

Internet Speed Tracker and Complainer Bot

[\[Github Link\]](#)

Built an automation bot using Python and Selenium to monitor internet speed via Ookla. Automatically posts a complaint on X (formerly Twitter) tagging the service provider whenever the speed drops below a set threshold.

Amazon Price Tracker

[\[Github Link\]](#)

Developed a Python-based automation tool using BeautifulSoup and Selenium to monitor prices of 10+ Amazon products daily. Integrated SMTP email alerts to notify when prices dropped below a defined threshold.

Spotify Playlist Generator

[\[Github Link\]](#)

Created a web app using Flask and the Spotify API to dynamically generate personalized playlists based on user-input mood or keywords, enhancing music discovery through automation.

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Technical Skills

Languages: Python, C, C++

Web Development: HTML5, CSS3, Bootstrap 4, Flask, WTForms

Automation & Scraping: Selenium, BeautifulSoup, Requests

Data Science: Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn

Database: SQLite, PostgreSQL, SQLAlchemy

Tools: Git, GitHub, Gunicorn, Linux (Ubuntu)

DevOps: GitHub Actions (CI/CD)

Others: REST APIs, OOP, DSA (in Python/C++)

Education

Gaya College of Engineering, Gaya (Govt. of Bihar)

B.Tech in Computer Science & Engineering

Batch: 2023 – 2027 | CGPA: 8.28

S.D.S Inter College, Chapra (SARAN)

Intermediate-BSEB (2020-22) | 73.4%

Galaxy Residential Public School, Chapra (SARAN)

Upto Matriculation-CBSE (2015-20) | 84.8%

Certifications & Achievements

Completed – 100 Days of Code: Python Pro Bootcamp (Udemy)

Infosys Springboard – Public Speaking, Email Writing, Presentation, Time Management

Winner – Mini Hackathon (Flask Web App), GCE Tech Fest 2024

Languages

English - Professional

Hindi - Native

Punjabi - Conversational