

# Aditya Vishwakarma

## Python Full Stack Developer

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### SUMMARY

Detail-oriented I'm a **BSc IT graduate** with a deep interest in **full-stack web development**. I've built and deployed end-to-end applications using **Python (Flask)**, **React.js**, and **MySQL**, and enjoy working across the stack – from designing intuitive front-end interfaces to writing efficient back-end logic

### EDUCATION

#### Bachelor of Science in Information Technology

Pune Vidyarthi Griha's College of Science and Technology - **9.63 CGPA**

Mumbai, India  
08/2022 - 05/2025

#### Higher Secondary Certification (HSC)

PVG's Vidya bhavan College of Science and Commerce

Mumbai, India  
06/2021 - 05/2022

#### Senior Secondary Certification (SSC)

Joymax English High School & Jr. College

Mumbai, India  
05/2020

### SKILLS

**Technical Skills:** - Python, HTML, CSS, JavaScript, Tailwind CSS, React.js, MySQL, Flask, Firebase, Git, GitHub, Cybersecurity.

**Soft Skills:** - Problem Solving, Logical Thinking, Team Collaboration, Adaptability, Communication

### CERTIFICATIONS

- Data Science – Board Infinity
- Data Analyst - oneroadmap
- Python - oneroadmap
- Python Essentials 1 – Cisco Network Academy
- Ethical Hacking Essentials (EHE) – EC-Council
- Career Essentials in Generative AI – Google Skills Boost
- AI Workplace Proficiency Certification – Superhuman AI
- Cybersecurity - IBM

### PROJECTS

#### Employee Management System (Full-stack)

06/2025 - 06/2025

A web application for managing employee records with user authentication.

- Built a **full-stack employee management system** using **React.js (Frontend)**, **Flask (Backend)**, and **MySQL (database)**.
- Implemented **CRUD operations** (Create, Read, Update, Delete) with secure login and registration features.
- Integrated **RESTful APIs** and responsive UI, deployed on **Vercel** and **Render** for real-time access.

#### Netflix Viewing Habits Analysis

05/2025 - 05/2025

Analyzed Netflix's global content dataset using **Python** and **data visualization libraries**

- Cleaning and explored a dataset of **8000+** titles using **Pandas** and **NumPy** for data wrangling.
- Created **10+ visualizations** (bar plots, pie charts, time series) with **matplotlib** and **seaborn** to analyze trends in content type, genre, release year, and country distribution.
- Published project with well-structured **Jupyter Notebook** and README on **GitHub**.

#### Portfolio Website

01/2025 - 01/2025

A portfolio website displaying projects and technical skills.

- Designed and deployed a **responsive portfolio** website using **React.js**, **HTML**, **CSS**, and **JavaScript**.
- Implemented Dark/Light mode toggle, **mobile-first layout**, and smooth navigation across 100% of device screen sizes.
- Reduced load time by **~30%** through code optimization and hosted on **Vercel** for real-time deployment.

### KEY ACHIEVEMENTS

Achievement in Web Development:

Secured **2<sup>nd</sup>** Place in **Web Development** Competition during **2<sup>nd</sup>** year at college tech fest