

# TARUN PATEL

Entry-Level Python Backend Developer

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## PROFILE

I am a motivated BCA graduate with a strong interest in Python backend development. I have built personal projects, including automation scripts and mini applications, demonstrating consistent growth in my coding skills. I am eager to gain hands-on experience in backend API development while expanding my knowledge in databases, Flask, and cloud technologies to contribute effectively as a Python Backend Developer.

## EDUCATION

08/2022 - 06/2025

Varanasi, Uttar Pradesh, India

◆ Bachelor of Computer Application (7.20 C.G.P. A)  
School of Management Sciences

## LANGUAGES

English  
Proficient



Hindi  
Proficient



## SKILLS

AWS

Linux Basic

Programming: Python

Framework: Flask

Database: MySQL, SQL

API Development: REST API, JSON

Tools: Git, GitHub, Postman

Web Basics: HTML, CSS (basic)

Debugging

Unit Testing (Pytest)

## PROJECTS

### To-Do List REST API

📅 01/2023 - 01/2023 📍 Varanasi

CRUD operations on tasks using Flask/Fast API + SQLite/MySQL.

- Developed a REST API using Flask to perform CRUD operations on tasks, practicing route handling, JSON data exchange, and MySQL integration, sharpening API fundamentals and Postman testing skills.

### Weather Data Fetcher API

📅 02/2023 - 04/2023 📍 Varanasi

Fetch and return weather data from a public API in JSON format.

- Built a Flask API that fetches real-time weather data from a public API and returns structured JSON, enhancing skills in API integration, JSON handling, and clean response structuring.



## Student Management System API

📅 05/2023 - 09/2023 📍 Varanasi

Manage student records (add, update, delete, view) with authentication using Flask + MySQL.

- Created a RESTful API to manage student records with CRUD operations and authentication using Flask and MySQL, improving structured database design, authentication, and RESTful API development skills.

## Library Management System API

📅 12/2023 - 02/2024 📍 Varanasi

REST API for:

Adding, updating, deleting, viewing books.

Managing student book issue/return.

Uses Flask/Fast API + MySQL.

Teaches relational data handling and status updates (issued/available).

- Developed an API for managing book inventory and student issue/return workflows using Flask and MySQL, focusing on relational database handling, authentication, and status management in API design.

## PROJECTS

### E-commerce Backend API

📅 06/2024 - 09/2024 📍 Varanasi

REST API with user registration/login, product CRUD, cart, order placement using Flask/Fast API + MySQL/PostgreSQL.

Built a REST API backend for e-commerce with user authentication, product management, cart, and order handling using Flask and MySQL, sharpening advanced backend design, JWT auth, and scalable API skills.



