Ayush Upadhyay Python Developer

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PROFILE

Enthusiastic and detail-oriented Python Developer with hands-on experience in backend development using Django and FastAPI. Proficient in REST API design, relational databases (MySQL, PostgreSQL), and modern development practices including Docker and Git. Passionate about writing clean, maintainable code and building scalable backend systems. Actively seeking an entry-level backend developer role to contribute to impactful projects and grow professionally.

PROFESSIONAL EXPERIENCE

Growthify Services   03/2025 – present | indore, india

Python Developer

- Developed and maintained scalable web applications using **Python, Django, and FastAPI**.
- Designed and implemented **RESTful APIs** to support front-end systems and third-party integrations.
- Worked with **MySQL** and **PostgreSQL** databases for efficient data handling and complex querying.
- Created responsive UI components using **HTML, CSS, and Bootstrap**.
- Collaborated in **agile teams** using version control tools (**Git**) to ensure rapid and organized delivery.
- Gained hands-on experience with **Docker**, **JWT Authentication**, and cloud services (**AWS S3 / Cloudinary**).
- Contributed to key internal projects like **Chat App** and **Office Employees Management System (OEMS)**, improving communication workflows and administrative automation.

EDUCATION

Bachelor of Computer Applications (BCA)   06/2022 – 06/2025 | Indore, india

Shri Vaishnav Vidyapeeth Vishwavidyalaya indore

Higher Secondary Education (12th Grade) – PCM   05/2021 – 05/22 | Indore
(Physics, Chemistry, Mathematics)

NM Memorial Higher Secondary School - Indore

SKILLS

Programming Languages:
Python (Advanced), JavaScript (Basic)

Databases:
PostgreSQL, MySQL, MongoDB, Redis (caching & pub/sub)

Web Technologies:
HTML5, CSS3, Bootstrap (for admin & utility UIs)

Computer Fundamentals:
Cloud Computing, Computer Networks, Operating Systems

Backend Frameworks:
Django, FastAPI, Django REST Framework (DRF)

DevOps & Deployment:
Docker, AWS S3, Cloudinary, Heroku, Render

Machine Learning:
PyTorch (basic model building & integration)

Apache Kafka
(setup & CLI), confluent-kafka,

API Development:
RESTful API design, JWT Authentication, Role-based access control

Version Control:
Git, GitHub

Other Concepts:
Object-Oriented Programming (OOP), MVC architecture, ORM (Django ORM), Database Indexing & Query Optimizatio

🌐 LANGUAGES

Hindi   English

📁 PROJECTS

chat app

- **FastAPI** – for REST API + WebSocket routes
- **MongoDB** (or SQL DB) – to store messages, users, rooms
- **WebSockets** – for real-time chat
- **JWT Auth** – for secure user access
- **AWS S3 / Cloudinary** – for media sharing (optional)
- **Docker** – for deployment

Office Employees Management System (OEMS),

Developed a web-based employee management system from scratch using Django.

•Implemented CRUD operations using Django ORM and QuerySet for managing employees.

•Integrated authentication & authorization for secure user access.

•Designed responsive UI with HTML, CSS, and Bootstrap.

•Worked with MySQL database for efficient data storage and retrieval.

📜 CERTIFICATES

Certifications: Python (Internshala), SQL (NPTEL)

Courses: Introduction to Databases – NPTEL

Full Stack Web Development Masterclass Batch
Full Stack Web Development Masterclass Batch 3.0 (Python-HTML-CSS-JS-React

🎸 INTERESTS

- cricket
- Singing