

# Annpurna Tripathi

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## EDUCATION

### United Institute of Management

Master of Computer Application

Prayagraj, 80%

Nov. 2022 – June 2024

### Deen Dayal Upadhyay Gorakhpur University

Bachelor of Computer Application

Gorakhpur, 63%

Aug. 2018 – Sep. 2021

## EXPERIENCE

### Software Developer

July 2024 – Present

MOBILOITTE TECHNOLOGY Pvt. Ltd

New Delhi

- Developed scalable RESTful APIs with Django REST Framework (DRF) for seamless frontend-backend communication.
- Integrated third-party services, JWT/OAuth authentication, and managed databases (PostgreSQL, MySQL, SQLite).
- Optimized backend performance by implementing custom plugins and middleware for improved data processing.
- Integrated third-party plugins to enhance functionality, while building dynamic UIs with HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS for responsive design.
- Deployed applications with Docker, ensuring seamless delivery and managed version control via Git/GitHub/GitLab for streamlined collaboration.

## PROJECTS

### AI-Driven Data Analytics Dashboard for Enhanced Insights and Visualization / Django, Pandas

[View](#)

- Developed an AI-driven data analytics dashboard using Django and Python, with Pandas for data processing.
- Integrated OpenAI GPT-3 API to generate automated insights and predictions from user-uploaded CSV files.
- Used MySQL for data storage and implemented interactive visualizations with Plotly, Matplotlib, and Chart.js.
- Built a responsive UI with HTML, CSS, JavaScript, and Bootstrap, and deployed the app with Docker for secure, scalable access.

### Property Management System (PMS) with Django and DRF / Django, DRF, PostgreSQL, Swagger

[View](#)

- Built a Property Management System (PMS) with Django and DRF, allowing users to manage and view listings with role-based access.
- Developed RESTful APIs for property CRUD operations, integrated Swagger for API docs, and used PostgreSQL for data storage.
- Created dynamic List, Grid, Detail, and Map Views (OpenStreetMap) for a responsive UI.
- Enhanced property search with filters for price, location, and type, improving user experience.

### IoT-Based Home Automation System for Smart Home Control / Arduino, Wi-Fi,

- Integrated Wi-Fi/Bluetooth modules with Arduino/Raspberry Pi for device communication.
- Implemented real-time monitoring for efficient tracking of device status.
- Enabled automation rules for seamless control and convenience.

## TECHNICAL SKILLS

**Languages:** C, Python

**Database:** MySQL, PostgreSQL, Firebase, MongoDB

**Web Development:** HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS

**Developer Tools:** Git, GitHub, Gitlab, docker

**Frameworks:** Django

**Hosting:** Versel, Netlify