

Amitesh Jha - Python Developer

A conscientious and ambitious Software Engineering graduate with a passion for technology and a strong commitment to excellence. Eager to innovate, tackle complex problems, and create meaningful impact through software development.

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WORK EXPERIENCE

Aptech Learning Dwarka

Web Developer

April 2025- Present

- Maintained the official website (aptechdwarka.com) with responsive design and smooth UX.
- Independently selected Flask as the backend framework and developed a complete web solution with RESTful APIs, demonstrating flexibility and backend ownership.
- Implemented CRUD operations, user authentication, and form handling as per client needs.

Teerthanker Mahaveer University (Central Library)

Software Developer Trainee

May 2024- Dec 2024

- Designed and developed a responsive seat booking system enabling students to check availability and book seats remotely, 24/7.
- Built a secure, student-friendly interface with login via enrollment number using Python, Flask, HTML, CSS, Bootstrap, and MySQL.

SKILLS

- Languages: Python, Core Java, C++, C, JavaScript (ES6+), HTML5, CSS3
- Frameworks/Libraries: Flask, RESTful APIs, Bootstrap, Jinja2, Pandas, NumPy, Matplotlib, Scikit-learn (basic)
- Web Development: Responsive Design, UI/UX, SEO, Accessibility (a11y), HTML Email Templates
- Tools & Platforms: VS Code, Git, GitHub, Postman, Chrome DevTools, Web Hosting, API Integration
- Databases & Others: MySQL, MongoDB, Data Structures & Algorithms (C++), Basic Cloud (AWS), Web Scraping (BeautifulSoup), Data Analytics

PROJECT

Educaation Arena | GitHub: <https://shorturl.at/5rYSx>

09/2024 - 06/2025

- Developed an e-learning platform using HTML, CSS, JavaScript, Flask, MongoDB, NumPy, and Matplotlib, featuring personalized course recommendations.
- Implemented content-based and collaborative filtering to align learning content with user goals and improve engagement.
- Applied data analytics techniques using Pandas and Matplotlib to visualize user interaction trends and refine recommendation accuracy.

I- Reserve |

06/2024 - 10/2024

- Designed and developed a responsive seat booking system using Python, Flask, HTML, CSS, Bootstrap, and MySQL for real-time availability and 24/7 remote booking.
- Built a secure and student-friendly login interface using enrollment numbers.

The Guardian Chip | GitHub: <https://shorturl.at/1BJQk>

09/2023 - 05/2024

- Developed an IoT-based safety system using HTML, CSS, React, and MongoDB, with real-time monitoring via REST APIs.
- Integrated sensors and IoT modules with web/mobile interfaces for secure access and alert functionality.

Certifications

- Google IT Automation with Python – Coursera
- Spoken Tutorial – IIT Bombay - (Java, Python, Git, MySQL, PHP, C)
- AWS Academy Graduate - AWS Academy Cloud Foundations

EDUCATION

Teerthanker Mahaveer University

B.Tech in Computer Science & Engineering - 8.84 / 10

(Graduated - 2025)