

AYUSH RASTOGI

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About Me

Hello! I am a proactive and dedicated Computer Science student at Meerut Institute of Engineering & Technology. With a passion for web development and software engineering, I am quick to adapt and known for being a fast learner. Eager to apply my adaptable nature and skills to contribute effectively to team projects and organizational goals. I bring bilingual fluency in Hindi and English, strong problem-solving abilities, and a commitment to continuous learning, aiming to make a positive impact through innovation and collaboration.

Skill

Technical Skills

- **Programming Languages:** Proficient in Python (including Django), JavaScript
- **Web Technologies:** HTML5, CSS3, Responsive Web Design
- **Database Management:** MySQL, SQLite
- **Tools & Libraries:** BeautifulSoup, Pandas, Numpy, Matplotlib
- **UI/UX Design:** Familiar with UI principles and design aesthetics

Soft Skills

- **Problem-solving:** Strong analytical and algorithmic thinking skills
- **Communication:** Ability to convey ideas effectively in both Hindi (Native) and English (Proficient)
- **Adaptability:** Quick to adapt to new technologies and environments
- **Teamwork:** Collaborative approach to achieving common goals

Projects

Movie Listing Website

- **Goal:** Designed and developed a responsive front-end website to showcase current and upcoming movies, featuring an intuitive filter panel for user-friendly navigation.
- **Role:** Sole developer responsible for UI/UX design, HTML structure, and CSS styling.
- **Technologies Used:** HTML, CSS.
- **Outcome:** Created a visually appealing and responsive website layout that effectively presents movie listings and enhances user interaction through streamlined design and navigation.

Library Management System using Django

- **Goal:** Designed and developed a comprehensive library management system to streamline book cataloging and user management.
- **Role:** Sole developer responsible for system architecture, database design, and implementation of core functionalities.
- **Technologies Used:** Django framework, Python, SQLite, HTML/CSS, Bootstrap.
- **Outcome:** Successfully deployed a scalable system with features including user authentication, book borrowing, and administrative tools, showcasing proficiency in full-stack web development.

Web Scraping and Data Extraction

- **Goal:** Created a Python script to extract and analyze data from Flipkart for men's casual shoes under Rs. 1500.
- **Role:** Developed the scraping algorithm, implemented data parsing, and stored results in CSV and JSON format for further analysis.
- **Technologies Used:** Python, BeautifulSoup, Pandas, NumPy, Matplotlib

- **Outcome:** Efficiently retrieved and processed product information (brand, title, price, ratings) demonstrating strong data handling and scripting skills.

Portfolio Website

- **Goal:** Designed and developed a personal portfolio website using HTML, CSS, and JavaScript.
- **Role:** Implemented responsive design principles, interactive elements, and showcased projects and skills.
- **Technologies Used:** HTML5, CSS3, JavaScript.
- **Outcome:** Created a visually appealing and user-friendly platform to showcase projects, skills, and resume, demonstrating proficiency in front-end web development.

Hangman Game in Python

- **Goal:** Developed a classic hangman game entirely in Python, demonstrating proficiency in core programming logic and algorithms.
- **Role:** Designed game mechanics, implemented gameplay features, and ensured intuitive command-line interface.
- **Technologies Used:** Python.
- **Outcome:** Created an engaging and interactive game experience, showcasing problem-solving skills and proficiency in algorithmic thinking.

Certifications and Achievements

- **AWS Certified Cloud Practitioner**
- **PCAP: Programming Essentials in Python**
Cisco Networking Academy® in collaboration with OpenEDG Python Institute
- **5 Star Gold Badge in Python on [HackerRank](#)**

Education

Bachelor of Technology – Computer Science and Engineering

Meerut Institute of Engineering & Technology, Meerut

2021 – 2025

- Course Work: Big Data, Database Management System, Computer Networks, Software Engineering, Software Project Management, Web Technologies, Data Structures & Algorithms, Design & Analysis of Algorithms, Machine Learning Techniques, and more.
- Current SGPA: 6.55

Intermediate (12th class)

cjDAV Public School, Meerut

2020 – 2021

- In-depth understanding of Python Basics and Libraries, including NumPy, pandas, matplotlib.
- In-depth understanding of MySQL.
- Percentage: 81.33%

Interests

- Creative Arts: Proficient in drawing, painting, and graphic design.
- Web Design: Enjoy creating visually appealing and user-friendly websites.

Languages

- Hindi (Native)
- English (Proficient)