

Priyanshu Pandey

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EDUCATION

Indraprastha Institute of Information Technology Delhi (IIIT Delhi)

New Delhi, India

B.Tech in Computer Science

Expected Graduation, May 2027

- o **Related Coursework:** Data Structures & Algorithms, Computer Organization, Object-Oriented Programming, Database Management System, Operating System, Data Science, Computer Networks, Machine Learning

SKILLS

Programming: Java, Python, JavaScript, HTML, CSS, SQL, Node.js, C++, C, React.js, Next.js

Tools: IntelliJ, Eclipse, Jupyter Notebook, Git, GitHub, VS Code, Linux, REST APIs, Express.js, API Integration, Testing, Postman, Google Colab, Figma, DOM, Flask, libGDX, LATEX, Matplotlib, Pandas, NumPy, PostgreSQL, VIM, Django, Numpy, Pandas, LLM integration, AWS, NOSQL, scikit-learn, Matplotlib, OpenCV, Tensorflow, Pytorch, Tableau, Azure

EXPERIENCE

VSM Pantnagar

(Online)

Web-Dev Intern

May 2025 – Aug 2025

- Redesigned and deployed a user-centric web interface projected to serve 2,700+ monthly visitors, increasing digital outreach by 60%.
- Enhanced user experience by streamlining navigation, improving accessibility, and integrating responsive design using HTML5, CSS3, and JavaScript.
- Boosted page load speed by 40% through front-end optimization and efficient resource handling, enhancing user engagement.
- Incorporated REST APIs for real-time content rendering, improving data sync speed by 30%

PROJECTS

Foodloop- Food Waste Management System

Github

Tech Stack - HTML, CSS, JavaScript, MySQL, Node.js, REST APIs

Jan 2025 – Apr 2025

- Developed a scalable full-stack web application using HTML, CSS, JavaScript, and MySQL to connect food donors with recycling partners; enabled real-time tracking and reduced manual scheduling by 70% through automated transport logistics.
- Integrated role-based access control (RBAC) and designed a relational MySQL database schema to streamline user workflows, ensured data integrity, and improved operational efficiency by 60% in simulated deployments.

Samridhi- SHG Microfinance Platform

Github

Tech Stack - Python (Flask), HTML, CSS, JavaScript, NLP embeddings (sentence-transformers/OpenAI)

Feb 2025 – Feb 2025

- Deployed a full-stack financial platform with Python (Flask), HTML/CSS/JS, and an NLP embedding engine for real-time borrower-lender matching and recommendation.
- Built a data pipeline to generate/store vector embeddings and serve ranked results via REST APIs, cutting query latency by ~35%.

GreivX- Grievance Redressal Platform

Github

Tech Stack - HTML, CSS, JavaScript, Python (Flask), scikit-learn, Google Maps API

Oct 2024 – Oct 2024

- Built a web app using Flask and JavaScript to automate grievance submission and routing, reducing manual complaint processing by ~50%.
- Implemented a Naive Bayes model to classify complaints into seven categories and integrated an open-source maps API for authority mapping.

LEADERSHIP & ACHIEVEMENTS

Aspire Scholarship Scholar

Delhi

Awarded the Aspire Scholarship to 28 students nationwide for academic excellence.

Oct 2023 – Present

Elected Member, Student Council, IIIT Delhi

Delhi

Led student welfare initiatives, coordinating with administration and impacting 500+ students.

Jul 2025 – Present