

Ipshita Rawat

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EDUCATION

Dronacharya College Of Engineering

Bachelor of Technology in Computer Science

Gurugram, India

Aug 2023 – 2027

Kamal Model Sr Sec School

PCM with Computer Science – 90% | High School – 97%

New Delhi, India

Dec 2010 – May 2023

PROJECTS

Donora | *Python, Flask, React, TypeScript, Blockchain, JavaScript* (GitHub)

Nov 2024 – Present

- Designed a decentralized platform to streamline and digitize the organ donation process.
- Enabled real-time compatibility verification between donors and recipients to accelerate decision-making.
- Improved system transparency and trust through blockchain-backed records.
- Facilitated collaborative development tracking with visual progress indicators and activity insights.

FileVault | *Python, Django, Encryption, Web Security* (GitHub)

May 2025 – Present

- Developed a secure file management web application leveraging Django and Fernet symmetric encryption for data confidentiality.
- Implemented user authentication and authorization to protect sensitive files and control access.
- Designed an intuitive UI for uploading, encrypting, decrypting, and managing user files seamlessly.
- Ensured best security practices by isolating secret keys using environment variables and implementing strict access control policies.

NotesPlay | *Android, Kotlin, Local Storage, Jetpack* (GitHub)

Feb 2025 – Present

- Developed a native Android app for capturing typed/handwritten notes with OCR text extraction.
- Implemented folder-based note management with renaming and deletion features.
- Built a clean, intuitive interface using Android Jetpack and XML layouts with secure internal storage.

EXPERIENCE

Java Developer Intern

CognoRise InfoTech

Jan 2024 – Feb 2024

Remote

- Delivered Java-based solutions for efficient data processing within deadlines.
- Performed unit testing and debugging to maintain code quality.

Development and Innovation Board Lead

The Victors Club

Sep 2024 – Present

DCE, Gurugram

- Led strategic initiatives and organized networking events with industry professionals.
- Secured sponsorships to enhance club activities and operations.

Web Developer Volunteer

Google Developers Student Club

Jan 2024 – Sept 2024

DCE, Gurugram

- Developed a hackathon platform to streamline registration and project submissions.
- Promoted Google Developer technologies through interactive coding sessions.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, SQL, JavaScript, HTML/CSS, R, PHP, Kotlin

Frameworks/Libraries: Django, React, Flask, Node.js, Express.js, Bootstrap, WordPress

Developer Tools: Git, GitHub, VS Code, Postman, Linux, Visual Studio, PyCharm, IntelliJ

Databases: MySQL, PostgreSQL, MongoDB

Design Tools: Figma

ADDITIONAL INFORMATION

Languages: Hindi, English, French, Spanish

Certification: Postman API Fundamentals