

D L Paavanaa

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EDUCATION

RV Institute of Technology and Management

B.E. in Computer Science and Engineering

CGPA 8.97

Nov. 2022 – Present

Jyothy Kendriya Vidyalaya composite PU college

Grade 12

Grade: 92

Jun. 2020 – Apr. 2022

EXPERIENCE

Snapchat Opinion Leader

Sep. 2023 – Dec.2023

Snapchat

- Designed and developed engaging Snapchat filters and lenses using Lens Studio to enhance user experience and creativity.
- Collaborated with brands to create custom lenses based on trends and user interests, while analyzing engagement and feedback to optimize filter effectiveness

PROJECTS

Blockchain enabled Payment Interface | *React, Python, Flask-SQLAlchemy, Steller*

May 2024 – June 2024

- A blockchain-enabled payment interface integrating Aadhaar for secure and verified transactions, enhancing transparency, and reducing fraud.
- Project Link

ISL Real-Time Translator | *Python, OpenCV, MediaPipe, TensorFlow/Keras, Flask, Flutter*

Oct 2024 – Present

- Developing a system to translate Indian Sign Language gestures into text phrases in real time.
- Used MediaPipe for face and hand landmark detection and OpenCV for video processing.
- Employed an LSTM model for temporal gesture recognition.
- Built the backend with Flask and developed the mobile application using Flutter.

Medication Management Application | *Python, SQLAlchemy, Pytesseract, Figma, Flutter*

Aug. 2024 – Present

- Implemented features for prescription uploads, personalized reminders, and medication adherence tracking.
- Integrated educational resources on side effects and benefits.
- Developed a database for storing prescription images, utilizing Pytesseract for automated extraction.

Airplane Reservation System | *C, Data Structures, HTML, CSS*

Aug. 2023 – Aug. 2023

- Facilitates reservation and cancellation of airplane tickets based on availability, using linked lists

Budget Tracker | *Java(Swing)*

Aug. 2023 – Aug. 2023

- Enables user to monitor and manage personal finances effortlessly with help of simple UI.

CERTIFICATIONS AND ACHIEVEMENTS

Hackathon Finalist

May 2024 – July 2024

- Finalist in FantomCode-24 and amBITion-24, national 24-hour hackathons, showcasing problem-solving, teamwork, and technical skills under tight deadlines

Java Programming, NPTEL

Jan. 2024 – Apr. 2024

- Completed NPTEL certification course in Java programming, focusing on object-oriented concepts and algorithm design.

Google Data Analytics Professional Certificate

May 2023 – Nov. 2023

- Earned 8 Coursera certifications in Data Analytics, specializing in data visualization, statistics, machine learning, and tools like Excel, SQL, Python, and Tableau.
- Certification Link

TECHNICAL SKILLS

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

Frameworks: React, Node.js, Flask, Flutter, FastAPI

Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma, Tableau

Libraries: pandas, NumPy, Matplotlib, OpenCV, TensorFlow/Keras