

Rudra Mani Upadhyay

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🌐 Rudramani1

Education

Dronacharya College Of Engineering, Gurugram Haryana

Sept 2023 – May 2027

Bachelor of Technology in Computer Science (Artificial intelligence and machine learning)

- **Relevant Coursework:** Data Structures, Algorithms, Data Analysis and Visualization, Operating Systems, Database Systems, Computer System and Organization, Computer Network

Skills

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

Frameworks & Tools: Node.js, Django, Git, Docker, Flask, Bootstrap, Next.js **Soft Skills :** Teamwork and Collaborative, Adaptability, Time Management, Communication, Networking **Other Skills:** Data Analysis, Problem Solving, Web Development, Logical Thinking

Projects

Pneumonia Analysis

<https://github.com/Rudramani1>



- This project is a web-based application designed to raise awareness about pneumonia and provide an AI-powered tool for analyzing chest X-ray images. The tool uses a Teachable Machine model to predict potential pneumonia indicators from uploaded images or live webcam input.
- Tools Used: Teachable Machine (Tensorflow.js), Bootstrap

YouTube Video Summarizer

<https://github.com/Rudramani1>



- This is a Flask-based web application that extracts and summarizes transcripts from YouTube videos using the YouTube Transcript API and Together AI.
- Frontend: HTML, CSS, JavaScript
- Backend: Flask (Python)
- APIs: YouTube Transcript API, Together AI

Experience

Web Developer (Internship)

Sep 2024 – Oct 2024

Encryptix

- Developed and deployed multiple full-stack web applications, leveraging HTML, CSS, JavaScript, Next.js, Node.js, and Bootstrap to create responsive and user-friendly interfaces.
- Designed and implemented frontend components for seamless user experiences, ensuring cross-browser compatibility and mobile responsiveness.
- Collaborated with cross-functional teams to gather requirements, troubleshoot issues, and deliver projects within deadlines.
- Gained hands-on experience in modern web development workflows, including version control with Git and agile development practices.

Participant – BuildwithIndia Hackathon

Project on Health and Fitness

- Achieved a top 5,000 ranking out of 25,000 participating teams in the BuildwithIndia Hackathon, showcasing strong problem-solving and technical skills.

- Collaborated with a team to develop innovative solutions, demonstrating creativity and teamwork in a competitive environment.
- Enhanced skills in rapid prototyping, coding, and project management under tight deadlines.
- Recognized for outstanding performance and dedication, reflecting a commitment to excellence in technology and innovation.