

# AARUSHI VERMA

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## EDUCATION\*

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**UPES**(University of Petroleum and Energy Studies)  
*Bachelor of Technology in Computer Science Engineering*  
CGPA: 7.12

Dehradun, India  
05/2024

## WORK EXPERIENCE

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### INFONET APPS

*Software Developer*

Feb 2023 - July 2023

- Developed high-performance websites using React, JavaScript, TypeScript, and Redux.
- Utilized Vite build tool for lightning-fast website development and optimization.
- Created reusable and maintainable code with React hooks, functional components, and Material-UI (MUI) toolkit.

## PROJECTS

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### GIF Generation AI

*Cloud Vertex AI, Palm 2*

- AI-driven chat app with real-time GIF recommendations, enhancing conversation expressiveness.
- Empowered PixelCrafters with advanced AI algorithms for context-aware GIF suggestions, elevating chat interactions.
- Utilized cosine similarity to ensure highly relevant GIF recommendations, enhancing user creativity within the chat platform.

### Rainfall Triggered Landslide Detection Model Using Ensemble Technique

*Pytorch*

- NASA Dataset used, included Rainfall as the main factor, apart from that soil, latitude, and longitude.
- Model Accuracy - 50.04
- Pandas used for heavy data - preprocessing

### Covid - 19 Detection Using CNN

*Tensorflow*

- The model has been trained on 10,000 X-Ray Images.
- Tensorflow used for the framework
- Model Accuracy - 1.0000, Loss - 0.0019

### PDF Private GPT

*Python, Streamlit*

- Upload multiple PDF files on interface and chat.
- Model used: ChatOpenAI
- Advanced streamlit usage for model deployment, using session state variables.

## LEADERSHIP EXPERIENCE

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### SAMAJIK UNNATI SANSTHA

*Member*

June 2021 - August 2021

- Contributed to the organization's efforts to make the world a safer place.
- Organized various events having an audience of almost 70 people to address various problems faced by women.

## ADDITIONAL

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**LANGUAGES:** Python, React, Typescript, React.js, C++, HTML, CSS