

Ganesh Prajapati

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EDUCATION

International Institute of Information Technology.
B.Tech (Electronics and Communication Engineering) (**Current CGPA : 8.98**) Naya Raipur, C.G.
Dec 2021 - Present

Aatmdeep Vidyalaya.
Intermediate. (**Percentage : 96.2%**) Gorakhpur, U.P.
2018 - 2020

WORK EXPERIENCE

Summer Research Internship 2023 @NIT Delhi Apr 2023 - Jul 2023
Remote Internship under Dr. Rishav Singh (Assistant Professor, CSE, NIT Delhi).

- Implemented 2 Research papers in the field of **Hyperspectral Image Classification**.
- Improved the class-wise classification accuracy of Algorithm named **HyridSN** by 3%.
- Implemented new CNN architecture **ParNET** which reduces the training time compared to proposed algorithm in paper by 40%.

Software Development Intern @TDPVista Jul 2022 - Aug 2023

- Built a ERP Portal for Startups, Mentors and incubators with more than 1000 daily active users.
- Using **Vue.js, GraphQL, Apollo-GraphQL, Vuexy** and **hasura**, for Full Stack web app.

PROJECTS

Watcher App [\[Project Demo\]](#) . [\[Github\]](#)

A **Winning Project** Built during **Hackathon** conducted by **IIT Guwahati** Named **Ethos**.

- Developed a WEB app using **Next.js** and **Material UI**, and **FastAPI** for converting DL Models into an API.
- Created object detection models using **YOLOv5** and **DarkNet** for detecting faces & vehicle's number plate.
- Used **MongoDB** for creating databases to store criminal records of criminals and details of stolen vehicles.
- Used **Face recognition, TensorFlow** and **OpenCV** for face recognition and image processing.

Movix-App & Movie Recommender System [\[Deployed Link\]](#) . [\[Github Web\]](#) . [\[Github NLP\]](#)

It's a **WEB-D & NLP** based Project which recommends new movies using previous movies.

- Developed a web app using **React, Redux, ChakraUI, Vite** and **Pickle**.
- Used **TMDB API** for Fetching details and posters of movies using requests.
- Used **nlTK** and **sklearn** and kaggle's **TMDB dataset** for creating movies recommender model.

3D T Shirt Customizer [\[Github\]](#) . [\[Deployed Link\]](#)

It's a **WEB-D** project built for designers and organizations to design T-shirts designs and check its look & feel.

- It can generate the patterns and logos for t-shirts by prompts using AI **Dall-E OpenAI API**.
- It is built using **React.js, ThreeJS, Express, Framer Motion & TailwindCSS**.
- It offers Logo customization, Pattern Generation, Color Customization, 3D T-Shirt Visualization.

ACCOMPLISHMENTS

Hackathons

- ethos IIT Guwahati Hackathon Winner. [\[Project Link\]](#)
- III Hackathon, IIIT Allahabad Winner. [\[Project Link\]](#)

Coding Profile

- Codeforces : **Specialist** & CodeChef : **3 Star**.
- **1623rd** in **Google Kick Start 2022**.
- Solved 300+ questions on GFG & LeetCode.

Kaggle

- Notebook Expert., Dataset Expert

SKILLS

DSA | Java | Spring | Spring Boot | Hibernate | Junit | Next | React | Express | Node | Mongo DB | Oracle | Tomcat | TailwindCSS | Maven | Python | Deep Learning | NLP | Git/Github | .Unix.