



# Swastika Pradhan

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## Education

● <b>Btech</b>	2022-2026
<ul style="list-style-type: none"><li>Bachelor of Technology, Computer Science</li><li>CGPA: 8.2</li></ul>	
● <b>12th CBSE Board</b>	2022
<ul style="list-style-type: none"><li>DAV PUBLIC SCHOOL MCL JAGANNATH AREA , DERA ODISHA</li><li>Score:- 87% in 12th board</li></ul>	
● <b>10th CBSE Board</b>	2020
<ul style="list-style-type: none"><li>DAV PUBLIC SCHOOL MCL JAGANNATH AREA , DERA ODISHA</li><li>Score:- 83% in 10th board</li></ul>	

## Personal Projects

● <b>The-Lumos</b> ( <a href="https://swastikapradhan.github.io/The-Lumos/">https://swastikapradhan.github.io/The-Lumos/</a> )	2023
<ul style="list-style-type: none"><li>Smart India Hackathon Project (2023 Finalist from CV Raman Global University) - AR/VR Construction Visualization . Contributed as a Web Developer in a Smart India Hackathon project titled "AR/VR-based Virtual House Visualization." Utilized VR technology to create immersive 3D models, aiding construction companies in project planning. Developed realistic interior and exterior visualizations for client experience and included cost estimation features for efficient construction planning. Selected to represent the college at the national level.</li></ul>	
● <b>Hexa-Cloud</b> ( <a href="https://hexa-cloud-4wj3q76d7-swastikapradhan51-gmailcoms-projects.vercel.app/">https://hexa-cloud-4wj3q76d7-swastikapradhan51-gmailcoms-projects.vercel.app/</a> )	2024
<ul style="list-style-type: none"><li>I built a ChatGPT-like website using React JS and Tailwind CSS to create a responsive and dynamic user interface. The site leverages the Gemini API to retrieve and display real-time data, enhancing its interactive capabilities and providing users with up-to-date information. Additionally, I deployed the website on Vercel, ensuring a fast, reliable user experience with minimal downtime.</li></ul>	
● <b>Health Prediction and Recommendation System</b>	2024
<ul style="list-style-type: none"><li>Developed a system for personalized health recommendations, including medications and supplements. Integrated into pharmacy services to support informed guidance and promoted preventive healthcare through workout and diet suggestions. Utilized HTML, CSS, Flask, and Scikit-learn, with machine learning models like SVC, RandomForestClassifier, and KNeighborsClassifier. Implemented dataset generation, data splitting, and model evaluation with make_classification, train_test_split, accuracy_score, and confusion_matrix.</li></ul>	

## Technical Skills

- Languages: Java, Python, JavaScript, HTML, CSS, SQL
- Technologies/Frameworks: React.js, Node.js, Express.js, Flask, Bootstrap, Tailwind CSS
- Databases: MongoDB, MySQL, Firebase
- Tools: VS Code, Figma, Canva, Jupyter, Postman
- ML/Data Analysis: Pandas, NumPy, Matplotlib, Scikit-learn
- Other: Oracle, Firebase, OpenCV, Three.js

## Certificates And Achievements

- Finalist of Smart India Hackathon , 2023
- Secured the 2nd prize in a CSS Battle event organized by GDSC.
- Led my team to advance to Round 2 of the Myntra WeForShe Hackathon 2024 after successfully passing the Ideathon phase.