AYUSH DUSEJA

WEB DEVELOPER

+91 8010971051 | dusejaayush2910@gmail.com | <u>Github</u> | <u>Linkedin</u>

I'm a Computer Engineer passionate about programming and constantly improving my skills to achieve my goals. I'm detail oriented with strong communication and problem-solving abilities. I bring high energy to my work and aim to inspire others with the same enthusiasm

EDUCATION

B.E. in COMPUTER ENGINEERING
Vivekanand Education Society Institute of Technology, Chembur   **2022 - 2026**
- CGPA 8.90 (As of Sem 4)

H.S.C (XII) SCIENCE
New English High School, Sakri   **2020 - 2022**
- 87.17%

S.S.C. (X)
Good Shepherd Academy, Sakri   **2020**
- 89.00%

SKILLS

- **Programming languages** : Java, Javascript, C, HTML5, Python
- **Frameworks & Libraries** : React, Material-UI, Tailwind CSS, Bootstrap
- **Web Technologies** : React.js, Node.js, Express.js
- **IT Constructs** : OOPS, OS, Basics of DSA
- **Database** : MongoDB, Firebase
- **DevOps** : GitHub, Git, Postman
- **Query language** : MySQL
- **Soft Skil**l: Graphic Design, Poster making , Creative, problem solving skill, Canva, Figma
- **Currently Learning** : GenAI, Machine Learning

PROJECTS

October 2024– November 2024
- **VISION AI: AI-Based Image and Video Upscaling Solution -** Tools Used: ReactJS, Flask, PyTorch, OpenCV, ESRGAN, GFPGAN, CodeFormer, Developed an AI-powered solution to enhance image and video quality, focusing on applications in satellite imagery, CCTV footage, and medical imaging. Leveraged ESRGAN to achieve high-resolution upscaling, significantly improving clarity and detail.

September 2024– November 2024
- **Vayu-Mitra: Vayu Mitra: AI/ML-Based Downscaling of Satellite Air Quality Maps (SIH) -** Tools: Python, Pandas, NumPy, Scikit-learn, LightGBM, Matplotlib, Seaborn, Flask, Developed an AI/ML solution to downscale satellite air quality data, enhancing resolution and accuracy. Leveraged LightGBM for precise modeling and Flask for deployment and visualization.

2023 - 2024
- **FoodSaver WebBased Project** - Developed a web application to reduce food waste by connecting those with surplus food to those in need. Future enhancements include geolocation and real-time updates to streamline food sharing and improve community-driven efforts. Sustainable development goal : Zero hunger
  Tools & technologies used: Html , CSS , Javascript , Firebase (Full Stack)

AUG 2024
- **Zerodha Clone** : Developed a full-stack Zerodha clone, implementing features like real-time stock tracking, user authentication, and portfolio management.
  Tools & technologies used: ReactJS, MongoDB, NodeJS (Full Stack)

EXPERIENCE

- Jr. Operations Officer At ISTE V.E.S.I.T
  - Helped as Operations Officer to conduct the multiple events in college with more than 200 attendes.
- Top 10 Finalist of HacktoFuture Held by IIIT Dharwad

CERTIFICATION

- API Bootcamp : Postman - GeeksOfGeeks
- Cetifucate of Execellence - HackToFuture Top 10 Finalist