

Bhigishwari Uikey

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Objective

A highly motivated CSE (AIML) Engineer with a passion for solving complex problems using machine learning and artificial intelligence. Seeking to contribute to innovative projects in a growth-oriented organization.

Education

Yeshwantrao Chavan College of Engineering (YCCE), Nagpur, B.Tech
Computer Science and Engineering (Artificial Intelligence and Machine Learning)
CGPA : 7.47 / 10 2021-2025

Dr. Ambedkar College, Nagpur, HSC
Percentage : 90.83 / 100 2020-2021

Saraswati Vidyalaya, Nagpur, SSC
Percentage : 85.60 / 100 2018-2019

Internship

U2USystems Pte. Ltd., Singapore

AI Intern

Completed a remote internship at U2U System Pte. Ltd., Singapore, working on a Generative AI mock project involving model development and data processing. Gained practical experience in AI workflows, Python programming, and applying generative models to real-world tasks.

Key Skills

C, Python, Machine Learning, Generative AI, Prompt Engineering, HTML, CSS, SQL

Projects

Microplastic Detection using Microscopic Images

Developed a supervised ML model to detect microplastics in microscopic images. Focused on improving detection accuracy through dataset augmentation using Roboflow. Applied image preprocessing and classification techniques to distinguish microplastic particles.

Real-Time Image to Sketch Converter

Built a web app using Flask and React for real-time sketch generation with GANs and OpenCV.

Integrated WebRTC for live camera input and Firebase for image storage and download features.

Post HCT Survival Prediction

Designed ML/DL models for post-transplant survival using clinical data and custom preprocessing techniques.

Proposed a novel Hybrid Tree → MLP model, balancing sensitivity and specificity better than standard models.