

Ayush Manoj Bisoyi

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SKILLS

Technical Skills: C++, Python, Machine Learning, SQL, Mern Stack, HTML, CSS, PHP

EDUCATION

Vellore Institute Of Technology , Bhopal

Integrated M.Tech CSE with AI and ML CGPA:- 8.26

Bhopal, Madhya Pradesh, India

Sept. 2020 – June 2025

ODM Public School, Bhubaneswar

Class XII SCIENCE Percentage:- 81.6 %

Bhubaneswar, Odisha, India

April. 2019 – April 2020

St. Xavier International School, Bhubaneswar

Class X Percentage:- 82.4 %

Bhubaneswar, Odisha, India

April. 2017 – April 2018

ACADEMIC PROJECTS

LowRes-ASR (Low-Resource Automatic Speech Recognition)

January 2025 – March 2025

Machine Learning (Technologies Used : Python, HuggingFace, TorchAudio, Librosa, Deep Learning, Data Augmentation)

- Developed a robust speech recognition system for low-resource languages using Wav2Vec 2.0 and data augmentation techniques.
- Achieved high accuracy with limited data by leveraging transfer learning and self-supervised audio models in a lightweight, scalable setup.

Brain Sage ML

August 2023 – October 2023

Machine Learning (Technologies Used : Python, Keras, TensorFlow, OpenCV, Machine Learning, CSS, HTML)

- Developed an application to predict Alzheimer's disease in its early stages. Aimed to facilitate early diagnosis and intervention.
- Worked in a team of 3 members. Contributed to the development and implementation of the machine learning model.

AnshDaan

October 2023 – December 2023

Full Stack Development (Technologies Used : PHP, JavaScript, MySQL, CSS, HTML)

- Developed a comprehensive website aimed at facilitating organ and blood donations. Implemented features for donor registration, search, and matching. Focused on creating an intuitive and user-friendly interface to encourage participation.
- Designed, developed, and deployed the entire website independently. Managed both front-end and back-end development tasks.

WORK EXPERIENCE

SmartInternz

September 2023 – November 2023

Machine Learning Intern

Remote

- Assisted in data preprocessing and augmentation using OpenCV
- Implemented and fine-tuned machine learning models using TensorFlow and Keras
- Collaborated with team members to integrate front-end technologies (CSS, HTML) with the ML application.
- Conducted performance evaluations and model optimizations to improve accuracy.

WorinWell

June 2023 - August 2023

Full Stack Developer Intern

Remote

- Assisted in the design and development of responsive websites
- Utilized technologies: HTML, CSS, JavaScript, and React.js, PHP, Laravel.
- Collaborated with the design team to implement user-friendly interfaces.
- Conducted testing and debugging to ensure cross-browser compatibility.

CERTIFICATIONS

Artificial Intelligence and Machine Learning - SmartInternz

August 2023 - November 2023

Full Stack Development using Mern Stack - Ethnus Codemithra

September 2023 - November 2023

PowerBI For Beginners Course - SimpliLearn

August 2024 - November 2024

HOBBIES

Watching Horror Movies, Writing Poems, Video Games, Singing

LANGUAGES

English, Hindi, Marathi, Odia