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Amit Maindola

Portfolio: amitmaindola.me
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EDUCATION

Bachelor of Technology, Indian Institute of Technology, Mandi [Current CGPA: 7.73] November 2020 - Present
Senior Secondary, Jawahar Navodaya Vidyalaya Dhar, MP [91.8%] April 2019

WORK EXPERIENCE

Ace Online, Hyderabad January 2023 - June 2023
SDE Intern React, Next JS, API integration

- Worked on Content Management System and Online Test Series platform.
- Developed an internal posting platform, for the Customer Success team.
- Consistently engaged in code refactoring, React development, and API integrations.

UMA Robotic Technology, Remote October 2022 - January 2023
SDE Intern React, Node, MongoDB, React Native

- Created a commercial application (**RoboViz**) to navigate, manage control the robots present in a warehouse.
- A user interface for robots manufactured by **UMA Robotic Technology**.
- Hosted the server, database, and react application in the warehouse Local Area Network.

PERSONAL PROJECTS

Plant Disease Detector GitHub Link | Live
Convolutional Neural Network Deep Learning, CNN, Tensorflow, Python

- Generated a CNN model to predict the disease in a potato plant, using the image of the leaf of the plant.
- Tested several combinations of augmentations, parameters, and techniques, and reached very close to 100% accuracy.
- Imported model in fast-API server & deployed the **API** on Google Cloud using **Docker image**.
- Developed the front end in React, & hosted the production build on **GitHub**.

Smart Assist - Study Helper GitHub Link
FrostHack 2022 Web, NLP, Python, Flask, Matplotlib, Scikit-learn, Data Structures

- Created application for helping students in their studies.
- Worked on text summarization feature to summarize any video/audio/text file.
- Implemented the functionality to find all important keywords for input paragraph.
- Added tools like a scientific calculator & graph plotter.

KrishiMitra - Farmer's Buddy GitHub Link
Pan IIT Global Virtual Technology Summit 2021 HTML, CSS, JS, PHP, MySQL

- Developed an application for farmers and merchants to find the best deal.
- Implemented chatting between users, for ease of communication.
- Fetched data from OpenWeatherMap's API to get the weather details & forecasting.

SKILLS

Technologies	C++, Python, JavaScript, Node, React, MySQL, MongoDB, Machine Learning
Frameworks	Tailwind CSS, jQuery, Express
Tools	Git, GitLab & GitHub, Basic Docker & Docker Hub
Platforms	Linux, VS Code

AWARDS & ACHIEVEMENTS

Secured rank in the top 0.32% among 1.2 million candidates who participated in the JEE 2020.	2020
Successfully contributed to open-source during Hacktoberfest 2021.	2021
Specialist in Codeforces (Handle).	
Reached final round in PAN IIT Hackathon 2021.	2021
Ranked under the top 5 in Frosthack 2022.	2022

POSITIONS & RESPONSIBILITIES

Teaching Assistant for CS-207 (Applied Databases Practicum) course [August 2022 - December 2022]
Web Development Team Member - Astrax 22' & Ruvan 22', IIT Mandi
Web Development Team Member - Yantrik Club, IIT Mandi