

Vignesh N

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EDUCATION

Dayananda Sagar College of Engineering

June 2024

Bachelor's of Engineering in Computer Science

GPA: 7.8/10

St.Joseph's Pre University College

June 2020

SKILLS

Technical Skills: C/C++, Python, Java, MYSQL, HTML, CSS, Javascript, Figma, Bootstrap, Node.js

Awards: Best Project Award on Project Open Day, Secured 2nd place in hAIothon (college hackathon)

EXPERIENCE

Centre for Artificial Intelligence and Robotics (CAIR), DRDO

Feb. 2024 – May. 2024

Software Development Intern

Conducted a Comparative study of Deep Learning models like MobileNetV2, Xception, VGG-16, Vision Transformers for image classification of ships.

PROJECTS

Rhythmix



- Rhythmix is a modern and responsive music player designed to deliver a high-quality audio experience across various devices, including desktops, tablets, and mobile phones.
- Implemented a responsive layout to ensure the player adapts to different screen sizes.
- Learnt how to use Javascript to implement logical use cases.
- Languages and platforms used- Visual Studio Code, HTML, CSS, Javascript, Figma.

Netflix Clone



- Developed a responsive clone of the Netflix homepage using HTML, CSS and Figma
- The project focused on accurately replicating the design, layout, and user interface of the original Netflix homepage.
- Learnt how to develop professional and aesthetically pleasing UI for websites using various elements of HTML and CSS by using Figma
- Languages and platforms used- Visual Studio Code, HTML, CSS, Figma.

Comparative Study of Deep Learning Models For Ship Classification



- Developed Deep learning models like MobileNetV2, Xception, VGG-16, Vision Tranformer for ship classification using python and its libraries
- Conducted a detailed comparative study in the models by evaluating their classification accuracy, computational efficiency

Youtube Clone



- Designed and developed a replica of the Youtube website using HTML and CSS
- Successfully recreated elements of Youtube to make a professional looking website
- Learnt how to develop professional and aesthetically pleasing UI for websites using various elements of HTML and CSS
- Languages and platforms used- HTML,CSS, Visual Studio Code

Smart Parking System using RFID and Blynk



- A smart parking system which transmits real time parking data to users through an app
- Worked with hardware components including micro controller, RFID sensors and tags, Servo motors, IR sensors
- Learnt interfacing the micro controller and all the other hardware components
- Languages and platforms used- C++, Arduino IDE, Blynk