

Naghul Pranav A S

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CAREER OBJECTIVE

Seeking to further enhance skills and gain practical industry experience, Naghul is actively pursuing internship opportunities in the field of computer science and engineering.

WORK EXPERIENCE

Application Developer

Aug 2024 - Present

Cardiac India Consortium, Karaikal

My role in this project is the development of a mobile app for recording seismocardiograms using the built in accelerometers, • Ensuring accurate peak detection and filtering of data • Designing the app's functionality, integrating it with cloud storage while ensuring data security • Compliance with HL7 FHIR standards for healthcare interoperability.

ML Developer

Jul 2024 - Nov 2024

National Institute Of Technology Puducherry, Karaikal

I worked on the Monitoring of Water quality parameters for Aquaculture project and performed the following tasks, • Data Collection & Preprocessing • Model Development: Built LSTM and SVM models. • Model Evaluation & Tuning • Deployment & Monitoring • Reporting & Documentation.

Application Software Developer

Jul 2024 - Present

National Institute Of Technology Puducherry, Karaikal

My role in this project is to develop an application for colleges to manage mess and catering services. I am responsible for, • integrating biometric authentication device with the central server • designing features that allow students to provide feedback, schedule meals, and view the menu • enabling admins to make announcements, analyze feedback to improve services, and update menu items.

Web Developer

Jul 2024 - Present

Everglade Foundation, Chennai

I am the Full Stack Developer of the Everglade Foundation website, Everglade is an educational institution. I am both the IT Department head as well as co-founder of Everglade Foundation. My role in the development of the website is as follows, • Frontend Development: AngularJS Framework • Backend Development: Node.js Server using Express.js • Database Management: MySQL server and schema management • Full Stack Integration: Angular-node-MySQL connectivity in a secure manner using JWT.

Application Developer

May 2024 - Jul 2024

Runverve, Chennai

I worked on the Runverve app, a marathon runner's virtual coaching platform, my contributions include, • UI of the app built using the Flutter Framework • Integration of ARCore with the app to provide a 3D Virtual Assistant • Integration of TTS(text-to-speech) and STT(speech-to-text) for communication with the 3D Virtual Assistant My role focused on the development of the app's UI and integration with the backend as well as AR technology.

EDUCATION

B.Tech, Computer Science & Engineering

2022 - 2026

National Institute Of Technology, Puducherry

Percentage: 91.63%

Senior Secondary (XII), CBSE

2022

St. John's Public School

Percentage: 96.80%

TRAININGS / CERTIFICATIONS

Integrated Robotics And Computer Vision

Jan 2024

Indian Institute of Technology, Madras, Chennai

Link:

https://drive.google.com/file/d/1qL2uf3g8Q_WIE3pmALglj52asCLzeO_H/view?usp=sharing

Python Developer

Mar 2022 - Apr 2022

udemy, Chennai

Link:

<https://drive.google.com/file/d/1YOYPjfTR0diRgxA>

PORTFOLIO

[GitHub link ↗](#)

PROJECTS

Selenium Web Automation

Dec 2024 - Jan 2025

To create a script that automates managing 3D asset uploads on the Fab platform. Fab is a new marketplace for selling 3D models. The script should streamline the upload process and manage metadata efficiently. Product Capabilities: 1. Draft Management: - Read through the Fab draft section. - Match each product in the draft with its corresponding files stored locally. - Upload files to the respective product pages. - Add missing metadata (e.g., titles, descriptions, tags) and publish the products. 2. New Product Upload: Implement error handling to manage any upload issues or mismatches during the process. Upload new products directly, including adding metadata during the upload process. 3. Bulk Deletion: Enable bulk deletion of products from the draft section.

SKILLS

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| • HTML | • JavaScript | • Node.js |
| • CSS | • Java | • AngularJS |
| • Machine Learning | | |