

Arul Rino Jonathan

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Skills

Languages: Java, Javascript, Nodejs (including Express), MongoDB, Sass, PWA development, HTML5, CSS3, Bootstrap, React, MaterialUI, Python, C, Bash

Tools: Git, Github, Linux (Arch, Debian), Vscode, Vim, Bash, Unity, Wokwi, Thingspeak

PROJECTS

Marsad-AI

- Leveraged Langchain and Pandas AI to unlock the capabilities of GPT 4 for the Marsad AI project.
- Utilized extensive data in Excel format to empower Marsad AI to provide insightful responses and conduct comprehensive analyses.
- Developed a REST API to facilitate seamless interaction with Marsad AI, enhancing accessibility and usability. and deployed it online

Project-V

Lead full stack developer

- Utilized nodejs and mongodb to create an RESTFUL api with secure local and google authentication and better Routes
- Elegantly implemented core logic using FFMPEG-WASM to enable client side video manipulation.
- PWA capabilities with efficient caching strategies were implemented to enable ability to be installed .
- An intuitive user interface was implemented using ejs
- visit site at <https://projectv-5z6y.onrender.com/>

Poultry Farm - Digital Twin

- Designed various 3d Objects using Blender and created a virtual poultry farm with Unity
- Designed an virtual IOT system using Wokwi and connected it to the virtual environment using Thingspeak

visit portfolio for a full list of projects - <https://rinojonathan.github.io/>

EDUCATION

Grace College of Engineering

B.E CSE - 2020 - *current*

St. Francis Xaviers Hr. Sec. School

HSC Maths Biology 2018 - 2019

Courses

- [Full Stack Web Developer Bootcamp](#)- Colt Steele
- Java Core
- Industrial Metaverse - Naan Muthalvan