



HIRAN ERANDA

COMPUTER ENGINEERING UNDERGRADUATE

An encouraged and dedicated individual passionate about programming, machine learning, and electronic design automation. Seeking an opportunity to incorporate and improve my knowledge and skills by contributing to the growth of the company.

CONTACT



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REFERENCES

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EDUCATION

oct 2018 - present

B.Sc. Engineering (Honors) - Reading

Department of Computer Engineering, University of Jaffna

- Current GPA – 3.25
- Participated in RealHack 3.0 (2021) is organized by IEEE Student Branch of University of Kelaniya
- Member of "Unpraised" Music Society (2018 - present)

TECHNICAL STRENGTHS

- | | | |
|-------------------------|---|--|
| • Programming languages | - | Java
Python
JavaScript |
| • web development | - | ReactJs
PHP
SQL
Express
Tailwind |
| • other | - | React Native
MongoDB
MySQL
GIT |

RELATED COURSEWORK

- **Academic calendar management system for faculty (July 2022 – August 2022)**

- Project was to develop a new calendar management system overcoming the flaws in the current system.
- In this project we have used the following
 - Next JS - To develop the frontend side of the application
 - Tailwind CSS – To rapid development of the styling of frontend
 - Git – To manage the project's code base
 - Ms power automate - To automated notifications
 - vercel - To deploy the application
- https://github.com/IsuruAkalanka/academic_calendar

- **Ai based targeted advertising system (July 2022 – August 2022)**

- Project was to develop any intelligent agent. We chose to build a targeted advertising system which uses Ai to predict the best ad to show based on the audience.
- In this project we have used the following
 - python - To develop the application
 - Git – To manage the project's code base
 - opencv - For image processing
 - Jupyter Notebook - to train the machine learning model
- https://github.com/hiranEranda/ai_base_targeted-adverticing_system

- **Seller review and price information system (July 2022 – August 2022)**

- System was used to show retail prices to consumers and to collect complaints on sellers if any as a method to regulate the retail prices during covid crisis.
- In this project I have used the following
 - Reactjs - To develop the frontend side of the application
 - NodeJs, Express - To develop the backend side of the application
 - phpMyAdmin - To manage the mysql database
 - sql - To query the database
 - Git – To manage the project's code base
- <https://github.com/hiranEranda/db-project-mern>

OTHER PROJECTS

- **SOCIAL-MARKET NFT (Oct 2022 – present)**

- This is a freelancing object based on Ethereum Chain and Marketplace of NFTs.
- In this project I have used the following
 - React JS - To develop the frontend side of the application
 - Solidity – To implement smart contracts for the NFTs and Marketplace
 - Moralis – To interact with the blockchain, manage the primary database and create the server
 - Remix IDE – To program solidity and create smart contract
 - Git – To manage the project's code base
- <https://github.com/hiranEranda/social-market>

- **My portfolio (july 2022 – present)**

- This is to use as my personal portfolio
- In this project I have used the following
 - React JS - To develop the frontend side of the application
 - Tailwind CSS – To rapid development of the styling of frontend
 - Git – To manage the project's code base
- <https://github.com/hiranEranda/portfolio-react-tailwind>