

Eranda Hashan

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SUMMARY

Dedicated undergraduate student with a solid foundation in Full-Stack Development and Object-Oriented Programming using the MERN stack. Experienced in developing responsive and user-friendly web applications with React and Node.js. Passionate about writing clean, maintainable code and solving technical challenges effectively. Eager to apply technical knowledge in a professional environment while contributing to team success through continuous learning, adaptability, and strong problem-solving skills.

EDUCATION

BSc (Hons) in Information Technology, Horizon Campus 2022 — Present

G.C.E. Advanced Level (Engineering Technology) 2018 — 2020

PROFESSIONAL SKILLS

Programming Languages

Python, Java, C, JavaScript

Machine Learning

AI/ML Model Development, Supervised & Unsupervised Learning, Deep Learning

Frameworks & Libraries

TensorFlow, Keras, Scikit-learn, Pandas, Matplotlib

Web Development

React, HTML, CSS, Tailwind CSS, Node.js, Express.js

Databases

MongoDB, MySQL, Firebase

Mobile App Development

Android (Java)

UI/UX

Figma, Photoshop

Project Management

Jira Software

Tools & IDEs

VS Code, Android Studio, Anaconda, Jupyter Notebook, NetBeans

Others

Git, GitHub, Postman

PROJECTS

Online Shoe Market – MERN Stack E-Commerce Platform

React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Axios, Nodemailer, Google OAuth

[GitHub-Frontend](#) — [GitHub-Backend](#)

- Developed a full-stack MERN e-commerce web app with authentication, product management, search, cart, and OTP-based password reset. Designed responsive UI using Tailwind CSS and integrated REST APIs.

Cloud Migration Project (AWS)

AWS, CloudComputing, DevOps, EC2, RDS, VPC, CloudWatch

[Link](#) —

- Designed and deployed a SmartInventory web application on AWS using a secure three-tier architecture with VPC, EC2, RDS, and Application Load Balancer. Implemented monitoring, storage, and cost optimization using CloudWatch and S3.

Elawalu.lk – Vegetable and Fruit Delivery App

Technologies: Android (Java), Firebase Realtime Database, Firebase Storage

[GitHub](#)

- Native Android application for browsing and ordering vegetables and fruits.
- Implemented authentication, product listings, cart, and order placement.

Restaurant Management System

Technologies: HTML, CSS, JavaScript, MySQL

[GitHub](#) —

- Developed a restaurant web application using PHP, JavaScript, and MySQL with features including menu display, cart, checkout, and admin functionalities. Designed responsive UI and implemented backend logic for order management..

Diabetes Prediction – Machine Learning Model

Technologies: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Streamlit

[GitHub](#) — [Streamlit](#)

- Developed a machine learning model to predict the likelihood of diabetes.
- Implemented preprocessing, feature engineering, and classification algorithms.

Secure Election Management System – Final Year Research Project [Ongoing]

Technologies: MERN Stack, Python, Cryptographic Hashing, Secure Local Networks

Ongoing Research Project

- Developing a fully isolated election management system prototype.
- Designed for offline operation without internet connectivity.

CERTIFICATIONS

- Intro to Deep Learning, Kaggle
- Data Visualization, Kaggle
- AI/ML Engineer Course (Stage 1), SLIIT, Sri Lanka
- Automated Machine Learning in Azure Machine Learning
- Data Cleaning, Kaggle
- Web development Stack course 2022, udemy
- Python Course For Python Beginners, udemy

LEADERSHIP & ACTIVITIES

- Vice President – Cybersecurity Club (C2SH), Horizon Campus
- Director of Graphic Design - Leo Club of Horizon Campus
- Event Coordinator – API Integration Workshop, GitHub Workshop

REFERENCES

Mr. Daminda Herath

Reading MPhil. (UCSC), MSc. (UCSC), BSc. (Col), MBCS, MCSSL, MSLAAS

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Mr. M. G. Asanka Dinesh

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