



Eranda Hashan

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SUMMARY

IT undergraduate with a strong technical foundation in full-stack development, mobile apps, and predictive modelling. Passionate about solving real-world problems, building reliable systems, and learning new technologies quickly. Brings creativity, adaptability, and a commitment to adding value through teamwork and innovation.

EDUCATION

2022 – 2026 **BSc (Hons) in Information Technology**, Horizon Campus

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

PROJECTS

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.

ML Model Inference Service – FastAPI Deployment

Technologies: Python, FastAPI, Docker, Pandas, Scikit-learn

[GitHub](#)

- Developed a RESTful API to serve ML model predictions in real-time.
- Containerized the service using Docker for scalable deployment.

Online Shoe Market – MERN Stack E-Commerce Platform [Ongoing]

Technologies: React.js, Node.js, Express.js, MongoDB, JWT

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

- Full-stack e-commerce platform with search, filtering, and category management.
- Implemented authentication, shopping cart, and order management.

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.

Offline 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.

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

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. M. G. Asanka Dinesh

Master of Computer Science (UCSC), MBA in Business Analytics, BSc (Hons) in IT

Head of Department – Faculty of Information Technology, Horizon Campus

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Mr. Daminda Herath

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

Senior Lecturer, Faculty of IT, Horizon Campus

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