

# Eranda Hashan

 Ehashan |  eranda-hashan |  erandahashan0103@gmail.com |  0701018778

## SUMMARY

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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

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

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

## PROJECTS

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### 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.

### 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.

## PROFESSIONAL SKILLS

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### 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

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- 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

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

## REFERENCES

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### Mr. Daminda Herath

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

Senior Lecturer, Faculty of IT, Horizon Campus, Malabe, Sri Lanka

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### Mr. M. G. Asanka Dinesh

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