ERANDA SATHSARA ABEWARDHANA

ARTIFICIAL INTELLIGENCE UNDERGRADUATE

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https://github.com/erandasathsara

https://stackoverflow.com/users/14946451/eranda

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- C
- R
- Python
- C++

WEB DEVELOPMENT

- HTML
- CSS
- Bootstrap
- JavaScript
- SEO
- Django (Python)
- Node.js
- React
- Angular
- Next.js

PROFILE INFO

As a responsible and self-motivated undergraduate pursuing a BSc in Artificial Intelligence at the University of Moratuwa, I bring a robust skill set honed through practical experience in mobile app development within a software company. With a dedication to excellence, I am now seeking an opportunity that aligns with my passion for exploring and applying cutting-edge technologies in Information Technology. Recognized for my team spirit and leadership qualities, I am eager to contribute my expertise and continue to grow in a dynamic environment, leveraging both academic knowledge and practical experience.

EDUCATION

Reading for **BSc. (Hons) in Artificial Intelligence**
University of Moratuwa
2022-2026 (Expected)

Certificate in Java
University of Colombo
2019-2020

GCE Advanced Level - Physical Science Stream (2020)
2**A's 1B (Z-Score - 1.8697)**
Sri Sumangala College Panadura
2017-2020

G.C.E Ordinary Level (2016)
8A's 1B
Royal College Panadura
2006-2016

WORK EXPERIENCE

Mobile App Developer
eVision Microsystems Pvt Ltd   **2020-2021**

Experienced mobile app developer with over 1 year of proven success, adept at delivering high-quality projects on time. Specialized in adding innovative features and ensuring meticulous project finalization.   **Technologies :** Android, .Net core Web API, Flutter

PROJECTS

YouFira
– First year hardware group project

In my first-year collaborative project, I contributed to an Autonomous Robotic Assistance Vehicle designed to assist individuals with disabilities. Notable features include advanced object recognition with OpenCV, a precision robotic arm, a voice command app, PID control for stability, TensorFlow Lite for improved machine learning, custom PCB design, and proficiency in the Robot Operating System (ROS). Our autonomous vehicle enhances accessibility, demonstrating my commitment to impactful technology solutions.

Technologies : Computer Vision (OpenCV), TensorFlow Lite, Voice Command Integration, PID Control, PCB Design,Robot Operating System (ROS)

Indiretto
Game Challenge- Rotaract Club

As a proactive contributor to the Indiretto project for the Rotaract Club, I led the development of an engaging web puzzle game. This project showcases my proficiency in web development and real-time database integration, highlighting my commitment to creative solutions and effective teamwork. The game incorporates a real-time time counter, seamlessly updating the team's progress on Firebase after the game concludes. Additionally, a dedicated instructional button enhances user experience, making gameplay intuitive and enjoyable. This project serves as a testament to my ability to deliver dynamic and interactive web solutions.

Technologies : HTML, CSS, JavaScript, Firebase

Suwa Kekulu
Child Growth Tracking Mobile App

Suwa Kekulu is a mobile app to track the growth of the newborn children. It provides necessary tips & advice which mothers should be aware of and necessary nutrition & immunization schedules that ease parents to take care of their child

Technologies : HTML, CSS, JavaScript

VOLUNTEER & LEADERSHIP

- Mobile App Developer (Rotaract Club)
- Active Membership at Rotaract Club of UOM
- Active Membership at AIESEC of UOM
- Active Membership at the Classical Music Society of UOM

ACHIEVEMENTS

- Participated in CodeSprint 7.0 (2023) (Programming Competition
- Participated in MadHack (2023) (Mobile App Development Competition)