

Ramindu Abeygunawardane

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OVERVIEW

Enthusiastic Data Science and Engineering student with practical experience in AI and ML fields, specializing in Python and TensorFlow. Skilled in building and optimizing machine learning algorithms for real-world applications, with a focus on data analysis and management. Eager to contribute to ML model development for real-world applications and leverage hands-on experience.

EDUCATION

University of Moratuwa

BSc. Engineering (Hons) (Data Science and Engineering)

2022-08 — Present

- Current CGPA: 3.209

Institute of Java and Software Engineering

Diploma in Software Engineering

2020-12 — Present

Mahinda College

G.C.E. A/L (Physical Science)

2018-01 — 2020-12

- 3A's

Mahinda College

G.C.E. O/L (General Education)

2006-01 — 2016-12

- 9A's

WORK EXPERIENCE

Trainee Software Engineer

2024-12 — Present

ZeroBeta Private Limited

Fullstack Developer (Freelance)

2023-01 — Present

Self-employed

PROJECTS

Dr. Derm - AI-based Skincare App

2024-07 — Present

- Developed ML models with Fast API and T4-GPU for skin condition analysis using large datasets; built a Flutter UI for real-time results.
 - **Skills:** Python, Fast API, Node.js, TensorFlow, T4-GPU, Flutter, Firebase

Godadamu LMS

2024-05 — Present

- Developed a scalable LMS platform with authentication, course management, and email notification using AWS EC2 and GitHub Actions.
 - **Skills:** Node.js, TypeScript, Express.js, EJS, Nodemailer, GitHub Actions, AWS EC2

MARTY Mart - Single Vendor E-Commerce Site

2023-09 — 2023-11

- Built a Spring Boot-based e-commerce site with layered architecture and MySQL for data management.
 - **Skills:** Java, Spring Boot, JPA, Lombok, MySQL

SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++, Dart
- **Machine Learning / AI Frameworks:** TensorFlow, PyTorch, Keras, Scikit-learn
- **Data Analysis:** Pandas, NumPy, SQL, Hadoop
- **Deep Learning:** CNNs, RNNs, LSTMs
- **Cloud Platforms:** AWS, Google Cloud, Firebase
- **Dev Tools:** Jupyter Notebook, Google Colab, Kaggle, Fast API
- **Other Technologies:** RESTful APIs, Matplotlib, Seaborn

CERTIFICATIONS

AWS Academy Machine Learning Foundations, AWS Academy

2024-02