


# Kaveesha Senevirathne

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 [Kaveesha Senevirathne](#)



## INFORMATION TECHNOLOGY GRADUAND

Driven IT graduate ready to leverage and grow project management skills in dynamic, fast-paced settings. Known for adaptability, strong work ethic, and enthusiasm for tackling real-world challenges through effective solutions.

## EDUCATION

**Rajarata University of Sri Lanka**  
Bsc in Information Technology

Mihintale, Sri Lanka  
2021 - 2025

**Princes of Wales College, Moratuwa**

G.C.E. Advanced Level (Commerce Stream)  
• Econ, Accounting, Business Studies

Moratuwa, Sri Lanka  
2019

## SKILLS

**Programming Languages** : Java, HTML, CSS, C , C++, Python

**Tools and Technologies** : Tensorflow, Pytorch, Keras, Pandas, Numpy, Jupyter Notebook, Google Colab

**Database Technologies** : MySQL, Firebase

**Version Controlling** : GitHub

**Development Tools** : IntelliJ IDEA, Eclipse, VS Code, Android Studio, Net Beans

**Development Methodologies** : Agile (Scrum/ Kanban) , Waterfall

**Soft Skills** : Good communication skills, Quick learner, Flexible, Team Management

## PROJECTS

**Neural Network for Tree Species Classification – University Garden** | Python, Google Colab, TensorFlow/Keras, NumPy, Pandas, Matplotlib, Scikit-learn.

- Developed a neural network to classify Veralu, Weliwenna, and Uguressa tree species.
- Conducted a field survey to collect image and feature data from the university garden.
- Prepared and preprocessed a dataset for model training and evaluation.
- Designed and trained a neural network for classification, optimizing accuracy.
- Applied hyperparameter tuning to improve model performance.

**Tea Cultivar detection Mobile Application** | Flutter, Python, TensorFlow, Google Colab, Android Studio, XAMPP

- Tea Cultivar Identifier is an intelligent mobile application developed using Android Studio and Flutter with 2 connected AI models to identify tea cultivars in Sri Lanka's upcountry region by analyzing leaf images.
- Integrated two AI models: one for tea leaf image detection in the nursery state and the other one for the field state.
- Implemented image capture and upload functionality for processing user-submitted tea leaf images.
- Utilized TensorFlow for model training and prediction using a curated dataset of local tea cultivars.
- Used XAMPP to manage the backend database containing cultivar and location data.
- Built a user-friendly interface and deployed the app through Android Studio for mobile devices.

**To Do List Mobile Application** | Html, CSS, JavaScript - Developed a web-based To-Do list application for task management. - Enabled users to add, mark as completed or incomplete, and delete tasks. - Implemented local storage to persist tasks across browser sessions, ensuring the To-Do list remains intact upon closing or restarting the browser.

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## WORK EXPERIENCE

### Bank Trainee

Bank Of Ceylon

### Trainee

Commercial Bank

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## ACHIVEMENTS

### Volleyball

- School captain
  - University team member
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## REFERENCES

- Mrs. Rashmi Perera  
Associate Team Lead  
Velaris  
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- Mr. Mahen Abhisheka  
Senior Software Engineer  
Health Recon Connect LLC  
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