MAHESH ABEKOON

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◯ **https://github.com/maheshpradeep**

⊕ **maheshabekoon.me**

PROFILE	Motivated IT undergraduate with a strong foundation in cloud technologies, networking principles, and software development. Skilled in troubleshooting, system maintenance, and IT coordination, with hands-on experience in managing hardware, software, and network tasks. Excellent problem-solving, organizational, and communication skills. Passionate about learning new technologies and continuously growing in the IT field.

ACADEMIC QUALIFICATION

- **Undergraduate in Bachelor of Science in Information Technology**
  Faculty of Applied Sciences - Rajarata University of Sri Lanka | 2021 – Present

- **Diploma in Human Resources Management (Reading)**
  IMBS Campus| 2024 – Present

- **Diploma In Information and Communication Technology**
  ICTA | 2019-2020

- **G.C.E. Advanced Level Examination**
  Bandaranayke College - Gampaha (Stream – Mathematics) | 2019

WORK EXPERIENCE

Information and Technology Coordinator | 2020 - 2022
Richard Pieris Distributors Ltd | Arpico Super Store

- Maintained and managed hardware and software systems, ensuring smooth IT operations.
- Assisted in network administration tasks, supporting system stability and security.
- Resolved IT-related issues for Co-workers, improving system efficiency and user experience.
- Demonstrated strong problem-solving, communication, and teamwork skills in a dynamic environment.
- Prepared critical management reports, providing valuable insights for decision-making.

CERTIFICATION & TRAINING

- **Networking Basics**   - Cisco Network Academy-2024 | In Progress
- **Microsoft Azure Fundamentals** - Microsoft Learning -2024 | In Progress
- **GitHub Foundations**   - GitHub -2025 | In Progress
- **Python**   - Self learning -2024 | In Progress
- **Trainee- Full Stack Developer** - University of Moratuwa - 2024 | In Progress

PROJECTS

- **Third Year research project**
  Mobile application that detects surrounding obstacles in an empty land, calculates the sun path and using augmented reality to suggest optimal window placements for a proposed building.
  - Developed AI model for Unity - AR related to object detection.
  - Configured and managed cloud services (Azure) for data storage and processing.
  - Designed and structured the database using MySQL Workbench to store and manage project data.
  - Integrated and fully developed system components in Unity (C#) for seamless AR interactions
  - Contributed on project documentations.

  Tech Stack- Unity Engine, C#, Python, YOLOv5, Blender, MySQL Workbench, Azure Cloud, Google Services, Figma

- **Mini Projects**

  - **FAS - Academic Supporting App | 2024**
    - Developed basic mobile application for academic management for Android devices.
    - Implemented core functionalities, including Create, Update, Read, and Delete (CRUD) operations.
    - Designed and integrated key features such as attendance management, GPA calculation, timetable access, and resource viewing.
    - Designed an intuitive UI/UX to enhance user experience.
    - Tech Stack- Android Studio, Java, SQLite, Adobe Photoshop

  - **Grantha - E-Library App | 2024**
    - Developed a simple digital library management system for Android devices.
    - Implemented core functionalities for managing digital library.
    - Integrated lending management features for efficient book borrowing and returning.
    - Designed an intuitive UI/UX to enhance user experience and accessibility.
    - Tech Stack: Android Studio, Java, SQLite, Adobe Photoshop

  - **Developed Website for Entertainment Company Portfolio |2023**
    - Tech Stack: HTML, CSS, PHP, JavaScript

- **Involved in developing tree classification AI models using Neural Networks.**
    - Developed a neural network-based multi-classifier to identify and distinguish three tree species that are visually indistinguishable.
    - Tech Stack: Python, Anaconda, Jupyter Notebook, MS Excel

SKILLS

- **Technical skills**

  - Cloud Computing Basics - DevOps, Azure, Google Cloud, AWS
  - Networking Fundamentals
  - Fundamental Knowledge with Linux.
  - Programming Languages - C, Python
  - Web Technologies - HTML, CSS, JS , PHP
  - Development Tools - GitHub, Visual Studio Code
  - MS Office Suite: MS Word, MS Excel, MS PowerPoint

- **Soft skills**

  - **Project Organization & Leadership** – Successfully led and structured multiple university volunteering projects.
  - **Team work & Adaptability** – Excelled as both a leader and a dedicated team player.
  - **Strategic Planning & Time Management** – Effectively managed deadlines with strong planning skills.
  - **Effective Communication & Understanding** – Strong ability to convey ideas clearly and collaborate efficiently.
  - **Dedication & Goal Orientation** – Committed to completing tasks with precision and high standards

VOLUNTEERING PROJECTS

- "Widasa" – G.C.E Ordinary Level Examination Seminars (2023) | faculty of Applied Sciences -Rajarata University of Sri Lanka
- "Winiwida" – Art Festival (2024) | Main Organizer | faculty of Applied Sciences -Rajarata University of Sri Lanka

LANGUAGES

- English (Fluent)
- Sinhala (Native)

REFERENCES

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