Tiran Sarith Wijerathne

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INTRODUCTION

I am a third-year undergraduate studying Computer Engineering at the Department of Computer Engineering, University of Ruhuna. I have a strong foundation in software development, DevOps practices, and cloud technologies. I am skilled in programming languages such as Python, Java, and JavaScript, with hands-on experience in modern tools like Docker, Kubernetes, and Terraform. My goal is to enhance my knowledge and skills in Data Science, Machine Learning, DevOps, Software Engineering, and other fields, and to apply them to push the boundaries of computer engineering.

EDUCATION

Faculty of Engineering, University of Ruhuna   *March 2022 – present*
Bachelor of Science (Hons) in Engineering - Specializing in Computer Engineering   *CGPA : 3.3/4.0*

Maliyadeva College Kurunegala   *Jan. 2012 - May. 2021*
GCE Ordinary Level - 2017   *9As*
GCE Advanced Level (Physical Science Stream) - 2020   *2As 1B*

PROJECTS

Finance management system fo a company   ◯
- **Introduction:** Individual web project that i have developed.
- **Functionality:** Finance management including income and expense recording using journal entries. And invoice generation for customers.
- **Technologies:** MongoDB, Express.js, React.js, Node.js, JWT for authentication, Material UI.

HR Management System   ◯
- **Introduction:** It is an ongoing group project that we are designing for a real world customer By including Both user side and HR side features.
- **Functionality:** Search job vacancies and apply from user side. Employees management, assign tasks/projects, add or remove job vacancies from HR side.
- **Technologies:** MongoDB, Express.js, React.js, Node.js, JWT for authentication, Material UI.

E-commerce Web site   ◯
- **Functionality:** A robot can find the shortest path using singly linked lists.
- **Technologies:** Spring boot, Spring security, React.js

Breast cancer detection Machine Learning model   ◯
- **Functionality:** Develop
- **Technologies:** Firebase, flutter, Stripe, GitHub

Finding the shortest path - DSA   ◯
- **Functionality:** A robot can find the shortest path using singly linked lists.
- **Technologies:** C++, Singly Linked Lists, Arrays,

TECHNICAL SKILLS

- **Programming Languages:**
  Python, C++, Java, JavaScript

- **Web Development:**
  Express.js React, Node.js, Springboot, Spring Security, HTML5, CSS

- **Cloud and DevOps Tools:**
  Docker, Kubernetes, Ansible, Terraform

- **Database Systems:**
  MySQL, MongoDB

- **Development Tools:**
  GitHub, Postman, Figma, Colab

- **Cloud Platforms:**
  AWS, Azure

LICENSES AND CERTIFICATIONS

Completion Certificate for Introduction to DevOps *Credentials* ☑
   IBM

Leadership Management Skills For Business - Managing Employees *Credentials* ☑
   Alison

Foundation for UI/UX design *Credentials* ☑
   Google

ACHIEVEMENTS

- **Participation for HACKSTREAM** coding competition organized by Ruhuna IEEE society
- **EXCELLENCE IN FINANCE Award** at the prestige 2.0 organized by AIESEC in Ruhuna

ACHIEVEMENTS - SPORTS

- **Member** of the School Cricket team — *2023 - 2024*
- **Member** of the University Hockey team — *2023*

EXPERIENCES IN CLUBS AND SOCIETIES

- **Local Committee Vice President Finance and Legal** -AIESEC in University of Ruhuna — *2024-2025*
- **Team Leader** - OGX B2B AIESEC in Ruhuna — *2023*

VOLUNTEERING

- **Organizing Committee Vice President Finance** of the **LDS 3.0** organized by AIESEC University of Ruhuna — *2023*

- **Organizing Committee President** of the **INSPIRE 1.0**, organized by AIESEC in University of Ruhuna — *2023*

- Volunteered in **Sasnaka Sansada** as a teacher and taught for the students who are preparing for the GCE ALs and GCE OLs examinations — *2020 onwards*

- Volunteered in **Project Green Leaders** and completed a 1.5-month volunteering project in **Surat, India** — *2023*