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|Portfolio||LinkedIn| |GitHub| |Medium|

SAHASWARI SENANAYAKA

ABOUT ME

My enginnering background taught me to solve problems with limited resources and think creatively. Now, I'm bringing that practical problem solving mindset to **AI and Machine Learning**, where finding smart solutions matters most.

EDUCATION

B.Sc.Eng. in Computer Engineering, Faculty of Engineering, University of Ruhuna, Sri Lanka.

WORK EXPERIENCE

1. **ASSOCIATE SOFTWARE ENGINEER**

   - Apps Technologies Pvt Ltd   *2024 November - 2025 March*

   - Contributed to multiple projects using Laravel, PHP, and MySQL to develop dynamic and responsive web applications.
   - Worked with interns with monitoring them and joined the selecting process of the intern for the company.

2. **AI PROJECT TEAM MEMBER AND SOFTWARE ENGINEERING INTERNSHIP**

   - Apps Technologies Pvt Ltd   *2024 May - November*

   - Worked with the Laravel, PHP, and MySQL to develop dynamic and responsive web applications.
   - AI project team, developed health care AI integrated mobile application and working on Notion project management tool.

SKILLS

Machine Learning, Artificial Intelligence, Prompting techniques, TensorFlow, PyTorch, Computer Vision, Natural Language Processing

Python, Rust, Php-Laravel, C, C++

Cloud Service Platforms – Aws, Azure, Oracle

Databases- MySQL, PostgreSQL, MongoDB, Vector DB

Team Management, Leadership Skills, Event Organizing

PROJECTS

1. **Privacy-Aware Prompt Enhancement System for LLM Application Users (Ongoing)**

   LLM applications are leading to privacy risks such as data leaks and exposure to confidential information of user. Try to suggest give enhanced prompts, with excluding sensitive data and without damage to the original user prompts.

|Code| Powered by: Rust, React

2. WHATSAPP REPLY AUTOMATION E-COMMERCE PLATFORM WITH AGENTIC AI

It's for the online businessmen, when customers ask question about their product using WhatsApp, it automatically replies according to their product database using Agentic AI.

|Link| Powered by: Python, React

3. BEMA – AI INTEGRATED HEALTHCARE MOBILE APPLICATION

Including, personalized healthcare monitoring feathers such as, daily reminders, stress relishing techniques, voice integrated puppy feature, and chatbot.

|Link||Code| Powered by: Flutter, Python

4. HUMAN FACES AND VEHICLE NUMBER PLATES BLURRING APPLICATION

It detected faces and number plates are blurred. For the faces, adding reference face image then can blur the others faces excluding reference face in the image using similarity checking.

|Link||Code| Powered by: Python

5. BRAIN TUMOR CLASSIFICATION AND IDENTIFICATION

This project aims to classify brain tumors by using Convolutional Neural Network.

|Link||Code| Powered by: Python

CERTIFICATION

1. Oracle Cloud Infrastructure 2025 Certified Generative AI Professional certification
2. Oracle AI Vector Search Certified Professional Certification 2025
3. Oracle Certified AI Foundations Associate Certification 2025
4. Mastering AI on AWS: Training AWS Certified AI Practitioner, Udemy
5. Certificate course in Soft Skills Development offered by Career Guidance Unit of UoR.
6. HCIA-Cloud Services v3.0, Huawei

VOLUNTEERING EXPERIENCE

- Content Writer - IEEE Sri Lanka Section (2025- Present)
- Secretary – IEEE WIE Student Branch Affinity Group, UoR (2025- Present)
- Webmaster - IEEE WIE Student Branch Affinity Group, UoR (2024- 2025)
- Program Team Member - Eminence 3.0 Program – FoE, UoR (2023- 2024)

REFERENCES

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