



CHATHURYA HEWAGE

BSc (Hons) Information Technology & Management (UG)
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ABOUT ME

As an enthusiastic and self-motivated undergraduate, I possess a dedicated learning mindset, constantly seeking solutions to problems while maintaining a stress-free approach. My goal is to achieve my objectives with determination and passion. I am interested in AI/ML and full stack web developing. I am seeking opportunities in IT industry as a software engineer to explore new technologies and gain valuable experience.

EDUCATION

BSC (HONS) IN INFORMATION TECHNOLOGY & MANAGEMENT (UG)

2022 Onwards
University of Moratuwa – Faculty of Information Technology
Current GPA – 3.45 (Up to 5th semester)

DIPLOMA IN INFORMATION TECHNOLOGY

2021–2022
University of Colombo–School of Computing

SKILLS

Programming languages

- C language
- Java
- Python

Web development

- HTML
- CSS
- JavaScript

Front End Frameworks

- React
- Angular
- Vue

Back End

- Spring Boot
- .Net
- Node.js

Databases with clients

- MySQL + MySQL Workbench
- MongoDB + Compass
- Oracle + SQL Developer
- PostgreSQL + PgAdmin4

WORK EXPERIENCE

CEYLON ELECTRICITY BOARD – SOFTWARE ENGINEER

2025 FEB– AUG

During my 6 month internship, I learned to work with industry level code bases. I contributed on developing enterprise level software, software redesigning, also had practice on both front end and back end developing, requirement gathering from clients, version controlling, testing documentation, using application servers and joined with project meetups and industry meetings and many more.

PROJECTS

GRAPHRAG for Python (Ongoing)

Retrievers and implement simple applications that use GraphRAG to provide context to LLM queries using neo4j-graphrag package.

Local RAG Agent

A local RAG Agent using LangGraph, LLaMA3 and Elasticsearch vector store.

[GitHub](#)

First Model Training Using Python

Developed using Google Colab online platform and Matplotlib and Scikitlearn python libraries.

[GitHub](#)

.Net MCP Server

Setting up a basic MCP (Model Context Protocol) server in .NET, configured in VS Code, and interact with it using Copilot Chat.

[GitHub](#)

Hand Volume Gesture Program

First OpenCV program using python.

[GitHub](#)

Virtual Image Mover

A virtual application using python that allows to move an image throughout the screen by hand detection.

[GitHub](#)

IDEs

- Visual Studio Code
- IntelliJ Idea
- Android Studio

Version Controlling

- GitHub

API Testing

- Postman

Other

- Canva
- Figma
- Blender
- Gimp

PREFERRED ONLINE DEVELOPER PLATFORMS

- Google Colab
- KodeKloud
- Cloud Shell

DATA SCIENCE & ML LIBRARIES

- TensorFlow
- Pytorch
- OpenCV
- NumPy
- Pandas
- Scikit Learn
- Matplotlib

LARGE LANGUAGE MODELS

- LLaMA3

GENERATIVE AI APPLICATIONS

- Pieces Suite

EXTRA QUALIFICATIONS

- [RSLUP Software Engineering course \(intermediate level\)](#).
- [Cybersecurity \(Beginner\)](#).
- [Data Science \(Beginner\)](#).
- [IT Essentials \(Intermediary\)](#).

See my further certifications [Here](#):

PREFERRED OPERATING SYSTEMS

- Windows
- Ubuntu

LANGUAGES

- Sinhala
- English

The FashionMart

Full stack web app for online fashion store developed using Next js, node.js and MySQL. With further use of stripe, clerk and Useful to manage all business-related functionalities within one digital platform.

[Front End](#)

[Back End](#)

PARTICIPATIONS

- CodeRush -2nd place (2022)

Ideathon -Organized by Faculty of IT, University of Moratuwa

- Devthon (2024)

Hackathon- Organized by Leo club of University of Moratuwa

- Mora Uxplore (2024)

Designthon

- Idealize (2024)

Ideathon-Organized by Aisec of University of Moratuwa

- [LadyProto 1.0](#) (2024)

Design Hackathon-Organized by University of Vavuniya IEEE student branch

- [HackElite 1.0](#) (2024)

Hackathon-Organized by University of Moratuwa IEEE student branch (WIE)

- FestX 5.0 ([ModelX](#) and [WebX](#)) (2024)

Competition-Organized by University of Moratuwa IEEE student branch (WIE)

- [Innovate with Ballerina](#) (2024)

Buildathon-Organized by WSO2

- VRCade 2.0 (2024)

Mixed Reality Competition-Organized by University of Moratuwa IEEE student branch

- [MoraXtreme 9.0](#) (2024)

Algorithmic coding competition-Organized by IEEE student branch of University of Moratuwa & IEEE Computer Society of University of Moratuwa

REFERENCE

Dr. B.H. Sudantha

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