




THESHIKA NAVOD

COMPUTER ENGINEERING(UG)

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[LinkedIn](#)  [GitHub](#)  [website](#) 

I am an Undergraduate at the Faculty of Engineering University of Ruhuna. I'm seeking exciting opportunities related to,

- **Software Engineering**
- **Full stack Web Development,**
- **Mobile App Development,**
- **DevOps Engineering**
- **Machine learning & AI**
- **Data Science**

I'm a highly adaptable individual, eager to apply my diverse skill set gained from both a dynamic environment and competitive university life to any opportunity

PROFESSIONAL EXPERIENCE

Associate Image Processor

OREL IT (December 2021 -March 2022)

EDUCATION

B.Sc. (Hons) Electrical and Information Engineering Specialized in Computer Engineering.

Faculty of Engineering, University of Ruhuna (Present)

GPA: 3.30

GCE Advanced Level (Physical stream)

Narammala Mayurapada Central College (2017)

PROJECTS

- **Motel Manager - Full Stack Development**

This project is designed on a Food management system for a motel called "Motel Manager".Full Stack CRUD app.

Technology: MERN Stack

- **Work Manager– Mobile Application Development**

This is an Amazing Mobile app for university students. No one has experienced this kind of app before. Using this app student can manage their work easily. This is a combination of plenty of applications.

Technology: Flutter, Dart, Firebase

- **Student Management System with Database - Desktop Application**

This project performs the Easy to manage student using this desktop application

Technology: C#, GUI, .NET Core, Entity Framework, MySQL

- **pharmacy products buying system (Ongoing)**

this is a fully responsive MERN stack web application. special feature is the user can buy specific products only when the user uploads a valid medical prescription.

Technology: MERN Stack

- **PoS and Inventory Management System – SaaS Full Stack Development (Ongoing)**

this is a multi-tenant PoS system host in AWS Cloud

Technology : NestJS, NextJS, Docker, AWS, MongoDB, keycloak

- **Book prediction system - Machine Learning**

this is a book prediction system using machine Learning. It uses 2 ML models.KNN and Decision Trees and use hyperparameters. it also has a Data Visualize and Compare section.

Technology : Python, Jupiter notebook, matplotlib, seaborn, sklearn.

- **Complete Responsive Frontend E-commerce Project.**

fully responsive front-end development using powerful frameworks. Deploy project using GitHub and Vercel.

Technology: Next.js Tailwind CSS.

- **bash script automation projects**

Digital Clock, Password Generator, and creating user on Linux are my shell script projects. Using Bash scripts.
Technology: shell scripting, bash, Nano editor, gedit

- **Containerize SpringBoot Node Express Apps & Deploy on Azure**

This is the Project I completed from Udemy. In this project, I Dockerize web Applications, built, and run containers, and pushed them to the Azure container registry.

Technology: Docker, Azure, Cloud .

SKILLS

Programming Languages	JavaScript, Java, C, C++, C#, .NetCore, Python
Web Development	HTML5, CSS3, ReactJS, NodeJS, NextJS, TypeScript, Bootstrap, Tailwind CSS, UI/UX
Database:	MySQL, MongoDB, Firebase
Mobile Development:	Flutter, Dart,
Software Engineering	Data structure and Algorithms, Design Patterns (OOP), SOLID Principles
OS & Tools	Windows, Linux, bash scripting, shell commands,
DevOps	Docker, Kubernetes, terraform, ansible
Other	AWS Cloud, keycloak, Git, Machine Learning, Deep Learning Cloud Computing, Computer Networking, Agile, SDLC
Software Tools:	VS Code, Visual Studio, IntelliJ, Android Studio, Postman, Jira, Figma

CERTIFICATIONS

- **Web Design for Beginners** - University of Moratuwa
- **Python for Data Science, AI & Development** – IBM
- **The Complete JavaScript Course: From Zero to Expert** -Udemy
- **Principles of UX/UI Design** - Meta
- **React Basics** -Meta
- **Introduction to Containers / Docker, Kubernetes & OpenShift**-IBM
- **Learn Machine Learning Course with Python A to Z** - Maria EduCare
- **Git & GitHub for Beginners: From Start to Star** -Udemy
- **Git for Beginners** – Udemy
- **Programming Network Applications in Java** -Udemy
- Completed **How to create a Jira SCRUM project** -Coursera
- Completed **MERN Stack Authentication And Deployment** Project- Udemy
- Completed **Keycloak integration with Spring Boot 3**-Udemy
- Completed **CRUD app using NodeJs and MongoDB (MERN Project)** - Udemy

SOFT SKILLS

- Communication
- Stress Management
- Time Management
- Teamwork

INVOLVEMENTS

- Haxtreme 2.0 - 4th place
- IEEE INSL Competition
- Senior prefect -Narammala Mayurapada Central College
- Leadership program - Maliyadeva College Kurunegala

REFERENCES

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