

# Timasha Wanninayaka

Associate Software Engineer

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## SUMMARY

Fast-developing Computer Science graduate with experience in building end-to-end software solutions. Strong understanding of AI and data science concepts, supported by the **IBM Data Science Professional Certificate**, and practical use of AI-assisted tools for efficient software development. Experienced with **FastAPI**, **Django**, **React**, and **Spring Boot** fundamentals.

## EXPERIENCE

### AI Engineer Intern — Sri Lanka Telecom

Jun 2025 - Jan 2026

Worked with FastAPI, Django, React, Tailwind CSS, MySQL, and AI models to build internal automation and analytics systems.

## CERTIFICATIONS & ONLINE COURSES

### IBM Data Science Professional Certificate — Coursera

Jan 2024- Mar 2025

Python for Data Science, AI & Development, Data Analysis with Python Data Visualization with Python, Machine Learning, Generative AI

### The Complete Python Pro Bootcamp — Udemy Dr. Angela Yu

Dec 2024- Jan 2025

Python fundamentals, backend web development (Flask), REST APIs, SQL databases, authentication, web scraping (Beautiful Soup, Selenium), data handling (Pandas, NumPy), Git & GitHub.

## PROJECTS

### Fault Management System

FastAPI | React | Tailwind CSS | MySQL

Nov 2025 - Jan 2026

Developed a QR-based maintenance platform for SLT using FastAPI and React, streamlining fault reporting by automatically routing physical asset issues to engineering teams for rapid resolution.

## EDUCATION

### Bachelor of Computer Science

University of Ruhuna

### G.C.E Advanced Level Examination

A./Mahasen National School

Combined Mathematics - A

Chemistry - B

Physics - C

### G.C.E Ordinary Level Examination

A./Swarnapali National School

7A's B C

## TECHNICAL SKILLS

### Programming Languages

Python, Javascript, Java, C#, PHP

### Backend

FastAPI, Django, Spring Boot, MongoDB, MySQL

### Frontend

React.js, Tailwind CSS, Bootstrap, HTML 5, Figma

### ML & Tools

Scikit Learn, Jupyter Notebook, Google Colabs, Git, Github Copilot

## SOFT SKILLS

Problem-Solving & Analytical Thinking

Adaptability & Continuous Learning.

## **AI Assisted Intern Management System**

Django | React js | Tailwind | Ollama

Jun 2025 - Nov 2025

Developed an AI-powered intern performance tracking platform that integrates GitHub repositories using Personal Access Tokens (PATs). The system collects daily task updates from interns and analyzes weekly GitHub commit activity to automatically generate performance reports, highlighting productivity insights for seniors through a centralized dashboard.

## **Exam Management System**

Java Spring Boot | React js | MySQL | Typescript | Tailwind CSS

Dec 2024 - Mar 2025

Engineered a secure full-stack assessment platform using Spring Boot and React, implementing AES encryption for data protection, automated grading, and performance analytics to streamline academic workflows.

## **Cottage Management System**

Java | Java Swing | Java JDBC | MySQL

Feb 2024 - Apr 2024

Designed a standalone Java Swing desktop application to digitize elephant cottage operations, utilizing JDBC for seamless MySQL database integration and efficient inventory and reservation management.

Time Management & Project Execution

Collaboration & Leadership

## **ACHIEVEMENTS**

### **InsurgeX 1.0 Intra University hackathon**

*University Of Ruhuna | Top 5*

### **InspIHER v2.0**

*SLTC | Top 10*

## **REFERENCES**

References available upon request.