

Thilina Jayaranga

Associate Software Engineering

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Profile

Computer Science undergraduate with practical full-stack development experience gained during an internship at Creative Software. Proficient in ASP.NET Core, React, TypeScript, and web application development, with hands-on knowledge of REST APIs and collaborative Agile workflows. Eager to apply problem-solving skills and coding best practices as an Associate Software Engineer to deliver high-quality, production-ready solutions.

Professional Experience

Software Engineer Intern - Creative Software,

Full-stack Developer (ASP.NET Core, React, TypeScript)

05/2025 – 12/2025

Colombo, Sri Lanka

- Worked on **BookNordics**, a multi-tenant SaaS platform, contributing to both frontend and backend development.
- Developed features using **ASP.NET Core, React, and TypeScript** to enhance user experience and functionality.
- Gained hands-on experience with **microservices architecture** and building **REST APIs**.
- Collaborated in **Agile teams**, participating in sprint planning, code reviews, and daily stand-ups.
- Focused on delivering **scalable, maintainable, and production-ready software**.

Education

Bachelor of Computer Science, University of Ruhuna

current GPA - 3.68

2022 – Present

G.C.E Advance Level, St. Thomas' College Matara

2 A's and 1 C

2018 – 2020

Skills

Programming Languages

- Java
- Python
- C#

Tools & Frameworks

- Git
- Spring Boot
- ASP.Net

AI/ML Basics

Web Development

- React
- Angular
- HTML/CSS/JavaScript

Databases

MySQL

Soft skills

- Communication
- Teamwork
- Problem Solving
- Attention to Detail

Languages

- English
- Sinhala

Projects

AHN Fashion Pvt Ltd - Garment Factory Management System,

A full-stack factory management system for inventory, sales, purchase tracking

- Built a garment factory management system using Spring Boot and React
- Integrated MySQL for secure data storage, reducing manual record-keeping efforts
- Optimized UI/UX using React to enhance usability for factory staff.
- Integrated user-based role management, payment tracking, and reporting to enhance factory control and decision-making

RtmisQ - Wildlife Quiz Application, User-Friendly Java Application for Accessible Wildlife Education

- Designed a user-friendly UI using JavaFX
- Implemented SQLite to store quiz questions, user scores, and progress
- Designed an adaptive question selection system for a quiz application

Student Management System, C# and MySQL (Personal Project)

- Developed a student management system using C# and MySQL in Visual Studio
- Create a windows forms UI for student record management
- Implemented CRUD operations to manage student data effectively
- Added search, filter, and export features to improve usability
- Ensured data validation and comprehensive error handling to maintain system reliability

Certificates

Microsoft Certified: Azure AI Fundamentals

Introduction to Artificial Intelligence - Great Learning Academy

HackerRank Certified SQL (Basic) Professional

Programming in Python - DP Education

Web Development

DP Education