SACHILA GEETH

SOFTWARE ENGINEERING UNDERGRADUATE

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Education

BICT (Hons) in Software Engineering
Asia e University
2023 - Present

G.C.E. Advanced Level (2022)
Engineering Technology - 4674650

G.C.E. Ordinary Level (2019)
95685103

Certifications

- Following BICT (Hons) In Software Engineering Academic at BMI Campus Kandy
- NVQ Level 3 Electrical Engineering at Vocational Training Authority
- Certificate Course English at Sabaragamuwa University
- Figma Web Design Course: UI/UX Design with Projects on Udemy

About me

An enthusiastic Software Engineering undergraduate, Sachila Geeth, with a keen interest in front-end and full-stack technologies. As a second-year student at Asia e University, my primary goal is to gain practical, hands-on experience and translate my academic knowledge into real-world solutions. I am eager to join a dynamic team and contribute to challenging projects.

Technical Skills

Languages:

- Java, HTML, CSS, PHP, JavaScript, Nodejs, Tailwind CSS, Bootstrap

Framework:

- Laravel
- React / React Native
- Express.js
- Java Fx

Tools & Technologies:

- Git, GitHub
- VS Code, Intellij IDEA, XAMPP
- FireBase
- Figma (Basic)

Databases:

- MySQL, MongoDB,

Projects

Portfolio Website for a Professional Photographer

HTML, CSS, JavaScript, MySQL / ElegantImage.com

- Developed a fully responsive portfolio website from scratch to showcase the photographer's work and attract new clients.
- Designed a clean and visually appealing user interface focusing on high-quality image galleries.
- Implemented a dynamic admin panel allowing the photographer to easily Create, Read, Update, and Delete (CRUD) image galleries, with all data managed through a MySQL database.
- Managed the project codebase using Git and hosted the project on GitHub Pages.

MealExpress - Online Food Ordering System

React, JavaScript | GitHub: https://lnkd.in/emVBN4ca

- Developed a scalable front-end for a food ordering system, architected with a focus on clean code and maintainability.
- Implemented 7 core Software Design Patterns (e.g., Factory, Singleton, Facade) to manage application logic and complexity effectively.
- Engineered key features such as dynamic item creation, flexible order customization (Decorator), and a simplified checkout process (Facade).

Lead Developer / Project Lead | FullStack Craft Portfolio Platform

HTML, CSS, JavaScript, PHP, MySQL | fullstackcraft.dev

- Led the end-to-end development of a dynamic portfolio platform, managing a small team from initial concept through to final deployment.
- Engineered the complete backend architecture, including a custom MVC-based admin panel with full CRUD (Create, Read, Update, Delete) functionality for content management.
- Developed the entire responsive, client-facing front-end from scratch, ensuring seamless integration with the backend to display dynamic data.
- Managed the full project lifecycle, including requirement gathering, planning, development, testing, and deployment.

Point of Sale (POS) System

PHP, MySQL, JavaScript, HTML/CSS

- Engineered a full-featured POS system using an MVC architecture, featuring secure, authentication-based access control.
- Developed comprehensive modules for managing customers, suppliers, and inventory with full CRUD (Create, Read, Update, Delete) capabilities.
- Implemented core business logic for stock management, order creation, and dynamic pricing (purchase vs. selling price).
- Designed an analytical dashboard to visualize key metrics like daily sales, top-selling products, and low-stock alerts, with an integrated PDF invoice generation feature.

MovieLand - Movie Search Application

React, JavaScript, OMDb API

- Developed a responsive web application to search and display movie information in real-time by integrating with the public OMDb API.
- Implemented robust front-end logic for handling asynchronous API requests, managing loading states, and gracefully displaying error messages for a seamless user experience.

Recipe Finder - Web Application

JavaScript, HTML, CSS, REST API

- Collaborated within a team to build a dynamic recipe finder application by integrating a third-party food recipe API.
- Developed the core front-end logic using JavaScript to handle asynchronous API calls, allowing users to search and filter recipes by category.
- Responsible for dynamically rendering the fetched recipe data onto a clean and responsive user interface built with HTML and CSS.

Reference

Mr.A.A. Sachintha Madhushan

Lecturer-IBA Campus
No.14, Gamini Dissanayake Mawatha, Asgiriya, Kandy

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Soft Skills

Organized

Problem-Solving

Teamwork

Critical thinking

Language

Sinahala

English