Chamuditha Weerasinghe

Software Engineer

Passionate software developer with strong problem-solving skills and a commitment to innovation in software projects.

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EDUCATION

BSc (Hons) in Information Technology Specializing in Information Technology

Sri Lanka Institute of Information Technology (SLIIT)

2020 - 2024

WORK EXPERIENCE

Software Engineer Intern

Allion Technologies (Pvt) Ltd.

03/2022 - 04/2023

- Involved in the development process with following **Agile** practices with senior dev teams
- Helped Refactoring Both .NET and Angular Code for best **coding practices** Using **SonnarCloud.**
- Developed **Microservices** Application With **.NET Framework** For Sweden Client.
- Developed Frontend With **Angular** Framework
- Worked with **azure** platform for hosting and SQL server management.
- Did **Requirements Analysis** with actively communicating with Client and Sweden Stakeholders
- Be Part Of the dev Team Of **ACER** (Australian Council of Education and Research)
- Developed Couple of components in the **JavaScript** Front End focusing on web optimization .

Associate Software Engineer

Associated Motor Finance (Pvt) Ltd.

11/2023 - present

- Developing **ASP.NET** Applications according to business requirements.
- Migrating Out Dated .NET Applications to latest versions.
- Develop Application With **High security**
- Migrating All Available **TFS** Version Control to **GIT** And Managing Through **Azure DevOps.**
- Managing **On site Servers** and Application **Publication** process
- Develop and maintain services according to **ISO 27001 Standards.**
- Frequently **Audit** Developed solutions to ensure they meet the security and codding standards.
- Maintain And Manage **Microsoft SQL Server** Database.
- Take Part in Annual **DR Drills** and ensure On Site infrastructures **High Availability**

References

Gihan Wijerathna

Teach Lead
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Dulakshi Nayanathara

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SKILLS

.NET Framework React Angular Entity Framework Microsoft SQL Server Azure AWS ASP.NET GraphQL Javascript Typescript Jira Java

Projects

Mobile Application – Higher Education Center Management System

(2nd Year 2nd Semester project)

- Android Application Developed using **Android Studio**
- Group Project
- Used Technologies – Java, SQLite

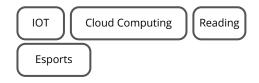### Web Application – Tourist Management System

(2nd Year 2nd Semester)

- Web Application Developed using **MERN Stack**
- Developed For the **Real Life Client** WonderLanka Tours
- Group Project
- I developed the Insurance Plan Management Component(Admin Side)
- Used Technologies – JavaScript, MongoDB

Machine Learning Application – Wall Crack Detection And Analise

(Final Year Research Project)

- Machine Learning Application Developed using **FastAPI** and **React**
- Machine Learning Model used - **U-NET**
- Trained Using a Dataset of **50,000+** images and corresponding Masks.
- Model Archived **97% Accuracy**.
- Use **Image Segmentation** to Detect Wall crack and Analise it by size , type and other factors to give a report about cracks severity

Interests

IOT Cloud Computing Reading Esports