

THAMAL WIJETUNGE

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SOFTWARE ENGINEER / DEVELOPER

With over 3 years of experience as a highly motivated and detail-oriented Full Stack Developer, my expertise spans a diverse range of technologies, including the MERN (MongoDB, Express.js, React, Node.js) stack, .NET, object-oriented programming, and Oracle. Proficient in designing, developing, and deploying innovative and efficient solutions. Demonstrated ability to create scalable and maintainable code while ensuring optimal performance and security.

SKILLS

- **Technologies:**
 - **Frontend & Backend:** JavaScript, HTML5, CSS, C#, .Net Core, ASP.net Core, VB, REST API, Web Services, ReactJS, NodeJS, Java, SpringBoot, C, Android, Python, Figma, Tailwind CSS, Bootstrap.
 - **Database:** SQL, MySQL, Oracle, NoSQL, MongoDB
 - **Cloud computing:** AWS, Azure
 - **Version Control:** Git, GitHub, Bitbucket, SVN, IIS
 - **Testing:** JIRA
- **Hands-on-experience with all phases of System Development Life Cycle.**
- **Ability to work independently as well as in a team environment.**
- **Full stack software development, test-driven development, quality assurance and testing.**
- **Database Management.**
- **Project Management.**
- **Ability to maintain safety principles.**
- **An individual with:**
 - Strong consultation, negotiation, adaptability and consensus building skills.
 - Strong analytical, critical and creative thinking skills.
 - Well-developed summarizing and presentation skills.
 - Strong leadership skills with friendly positive attitude.
 - Proficiency using Excel, Power Point, Visio, Access, and Project.
 - Attention to detail.
 - Excellent written and verbal communication skills.

EXPERIENCE

SEPTEMBER 2022 – DECEMBER 2022

SOFTWARE ENGINEER, DP INFOTECH (PVT) LTD, SRI LANKA

- Completion of the Pearl Bay system with ERP and POS system for the David Pieris water park using ReactJS, NodeJS, ExpressJS & MongoDB, which was awarded the FITIS and SLASSCOM awards.
- Implemented Management Accounts module into the current ERP system of David Pieris Group using JavaScript with jQuery, .NET Core & Oracle database.

OCTOBER 2020 – AUGUST 2022

ASSOCIATE SOFTWARE ENGINEER, DP INFOTECH (PVT) LTD, SRI LANKA

- Full design and implementation of Pearl Bay system with ERP and POS system for the David Pieris water park using ReactJS, NodeJS, ExpressJS & MongoDB.
- Drafted software requirements and managed software design and implementation.
- Developed, coordinated, and conducted complex tests and debugged the systems.
- Managed software throughout SDLC and collaborated with team members to address issues.
- Defined and continuously improved UI development best practices.
- Implemented Workshop module into the current ERP system of David Pieris Group using JavaScript with jQuery, .NET Core & Oracle database.

NOVEMBER 2019 – SEPTEMBER 2020

TRAINEE SOFTWARE ENGINEER, DP INFOTECH (PVT) LTD, SRI LANKA

- Implemented new modules (Imports, Technical) into the current ERP system of David Pieris Group using JavaScript with jQuery, .NET Core & Oracle database.
- Managed software throughout SDLC and collaborated with team members to address issues.
- Gained knowledge in ERP level systems, Oracle database development and web development.

EDUCATION

JANUARY 2023 – AUGUST 2024

ONTARIO COLLEGE GRADUATE CERTIFICATE IN COMPUTER SOFTWARE AND DATABASE DEVELOPMENT

LOYALIST COLLEGE IN TORONTO-VICTORIA PARK CAMPUS, ONTARIO

CGPA – 85.7 %

JUNE 2017 - JULY 2021

BACHELOR OF SCIENCE (HONOURS) IN INFORMATION TECHNOLOGY SPECIALIZED IN SOFTWARE ENGINEERING

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY, SRI LANKA

ADDITIONAL PROJECTS

- Advance Legal Document Analysis Tool as the applied industry project at Loyalist College, using ReactJS, NodeJS, Python (Flask), RAG, OpenAI API and MongoDB.
- Final year research project on Intelligent system for agriculture in Sri Lanka, using Android with Java and Python for machine learning with TensorFlow lite.
- Parcel Delivery Application - A mobile driven implementation for a parcel delivery system. The android app can be used by senders, drivers, and admins with specific roles. REST services are used with SpringBoot.
- Online Shopping Cart System - 3rd year web project on implementing an e-commerce site using ReactJS, NodeJS, ExpressJS and MongoDB with rest services.
- 3rd year stand-alone project on a code complexity measurement tool to measure the complexity of any C++ or Java code, using Java.
- 3rd year mobile application development project on a current mobile banking app (ComBank) to improve the UI/UX, using Java in android studio.

CERTIFICATIONS

- Introduction to Cybersecurity – Cisco, 2024
- Certificate of completion: Developing Solutions for Microsoft Azure – Trainocate India, 2022.