

# Shehan Vanderputt

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## Contact

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Negombo, Sri Lanka

## Education

Kandy | Sri Lanka | 2015-2019

BSc. Honours, Computer Engineering  
Specialization

University of Peradeniya

## Expertise

- Languages: C#, TSQL, Python, JavaScript, jQuery, Java, C++, C
- Databases: MSSQL, MongoDB, MySQL, PostgreSQL
- Web Development: .NET, Angular, HTML, CSS
- Cloud Services: Azure
- Methodologies: Scrum
- Version Control: Git

## Work Experience

- Sri Lanka | Jan 2022 – Present

DUBLIW

Senior Software Engineer

- Develop and deploy back-end main and appended services using C# and .Net Core, following a Layered Architecture approach and Minimal API.
- Maintain automated services using Azure Functions, Service Buses, Logic Apps, and Storage Accounts in Azure.
- Manage thousands of records in Azure Identity Database using MSSQL and Dapper.
- Migrated Users from legacy .NET authentication to Azure B2C offers a modernized approach to user authentication.
- Create interactive user interfaces using jQuery and Angular for front-end development.
- Manage and import large volumes of data to the main web service using MongoDB.
- Manage communication services using Twilio, SendGrid, Sly Broadcast, and Pcm Integration.

- Singapore | Feb 2019 - Jun 2020

THE SOFTWARE PRACTICE

Software Engineer

- Developed back-end services using .Net Core and C# following the MVC architecture. Loaded OOXML worksheets to controllers to generate new worksheets.
- Managed Database using MSSQL Identity Database Management and Entity Framework Core.
- Followed TDD approach to ensure code reliability by writing unit tests using NUnit for every feature.
- Orchestrated deployment of app services to Azure Web Services.

- Sri Lanka | Oct 2017 – March 2018

TIQRI

Software Engineer Intern

- Implemented an Authentication System using NFC technology using C# and .Net Framework, as a substitute for RFID tags.
- Developed an Event Management System Platform for organizing and managing events using Angular for front-end development.
- Followed Agile Methodology for software development.

## Certifications

MICROSOFT CERTIFIED: AZURE DEVELOPER ASSOCIATE

Credential ID: A5F06501B32FCC72 - December 2023

Azure

MICROSOFT CERTIFIED: AZURE FUNDAMENTALS

Credential ID: 9F41332716D2F6B7 - July 2023

Azure

## Reference

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### Mr. Thisum Kankanamge

Assistant Director,

MOHT Singapore,

Phone: +65 9355 5963

Email: thiusm.kankanamgemohht.sg

### Mr. Nemina Amarasinghe

Senior Software Engineer,

The Software Practice Pvt Ltd Singapore

Phone: +1 778 594 3175

Email: neminathesoftwarepractice.com

## Projects

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### FINAL YEAR PROJECT 2018 - BSC. ENGINEERING

Portable Executable Scanner - Extracted information inside an executable and identified solutions for dependency issues.

C#, .Net,  
HTML/CSS

### AZURE B2C USER MIGRATION APPLICATION

Implemented an application for migrating local users from Azure AD B2C.

C#, .Net,  
Azure, XML

### SLIIT ROBO FEST CHALLENGE AND SAIMT ROBOTICS CHALLENGE 2016

Participated in and implemented a robot capable of finding the finish line in a mesh.

C++, Arduino

### REMOTE ARM ARDUINO APPLICATION 2018

Team member of "Remote Arm" Arduino application. A wearable device that remotely controls a robot arm. The device uses the location of the human hand to move the hand of the robot arm but not imitate it.

C++, Arduino