Joshua Thalappillil

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Work Experience

Datacom
Associate Software Engineer   2023 - Present

- Developed and maintained customer portal features using Angular and TypeScript for the frontend, and Django (Python) for the backend.
- Implemented new functionalities and resolved bugs within network device management portal, adhering to sprint cycles within a collaborative development team.
- Utilised GitLab for version control and collaboration. Completed merge requests and code reviews.
- Independently conducted code testing utilising UAT environment.
- Utilised WSL2, SMTP4dev, PostgresSQL, Kibana (Elasticsearch), RabbitMQ and Celery.
- Collaborate with senior network and software engineers to deliver customer projects.

Royal Melbourne Hospital
Health Information Manager   2021 - 2022

- Analysis and identification of deficiencies related to data quality
- Development of system training for clinicians to improve data quality practices
- Assistance to staff with IT related queries

Education

Skillsoft Percipio
Completed Credentials: Agile Foundations, JavaScript: Fundamentals, Programming Fundamentals: Object-oriented Programming, Getting Started with Java: The fundamentals of Java Programming, Programming in C#: Fundamentals   - 2023

The Odin Project
Coding Bootcamp: Foundations of Full-Stack Development   - 2022

La Trobe University
Double Bachelor's of Information Management & Health Sciences   Jan 2018 - Dec 2021

Projects

Zeus3 *Angular (TypeScript), Python (Django), Celery, GitLab and SQL*
An application to manage network devices across Australia and NZ.

Zeus Customer Portal *Angular (TypeScript) and GitLab*
Customer Portal to access Zeus resources.

Website Portfolio *JavaScript, React, tsParticles, HTML & CSS*
Designed & developed frontend React web app using react-router-dom.

Guess Game *C#*
Object-Oriented Programming, variable declaration, console logging, constructor usage, looping, method invocation and conditional statements.

University of Helsinki Java Programming *Java*
Self-learning Java in spare time.

Technical Skills

Programming Languages:	Python, TypeScript, JavaScript, HTML, CSS, Java
Frameworks:	Angular, PrimeNG, Django, React, Node.js
Developer Tools:	Git, VS Code, Visual Studio, IntelliJ, PyCharm