Patrick Dowling

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Experience

12/2020 – Current

DefendTex
Software Engineer

- Developed customised Enterprise Resource Planning (ERP) solution; created as a fork from ERPNext.
- Developed dynamic web app using Angular.
- Collaborated with Accounting, Manufacturing, Purchasing and Engineering teams to streamline solution workflow.
- Integrated ERP with technologies including MYOB Accountright and Octopart.
- Assisted with DevOps across multiple projects.
- System Administrator for both Windows Server and Linux infrastructures.

11/2017 – 02/2020

LIV Information Technology
IT Consultant

- Provided professional guidance to clients on a large range of queries.
- Incident response and recovery.
- Maintained client websites and website hosting.
- Deployed web applications to cPanel with PHPMyAdmin.
- Experienced managing virtualised infrastructure using Hyper-V.

Education

02/2016 – 07/2020

Bachelor Of Software Engineering
RMIT University

Certifications

22/07/2020

Microsoft Certified: Azure Fundamentals
- Demonstrates an understanding of Cloud Concepts within the Microsoft Azure Ecosystem.

Technical Skills

- Java, Python and C.
- HTML5, CSS, SASS, Javascript, Typescript and PHP.
- TailwindCSS and MaterialUI.
- React and Angular.
- NodeJS and Springboot.
- Scripting (Bash, Powershell).
- Object Oriented and Functional Programming Paradigms.
- Asynchronous Programming.

- REST and GraphQL APIs.
- Relational Databases and NoSQL.
- Containerisation (Docker, Podman).
- Container Orchestration (Docker Swarm).
- System Administration (Unix/Linux, Windows / Windows Server).
- Virtualization (Hyper-V, VMWare, QEMU).
- Data Structures and Algorithms.
- Agile Software Development (Scrum).

References

References available on request.