

Details

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<https://github.com/robin-davis-98>

Key Skills



Python



Front End Development



REST API Intergration



SQL/Database Design



C#

Summary

I am seeking to progress my career as an engineer, building on my four years of industry experience across software development, UI/UX design, client support, team collaboration and management. While much of my background is within the Building Management Systems (BMS) industry, I am aiming to broaden my technical capabilities into areas such as data engineering, interactive design, and to further my current software engineering skills.

I previously undertook a Bachelor of Engineering in Network and Software Engineering at the Canberra University, completing significant coursework before redirecting my focus toward industry-driven learning and practical development experience, which I found more personally fulfilling and aligned with my career goals.

I held dual roles as a UI Designer with Delta Building Automation and an Applications Engineer with Coppertree Analytics Australia. Although these titles capture only part of my day-to-day work, I also contributed to several multidisciplinary projects requiring a diverse range of technical and development skills. I left both organisations on mutual and positive terms following organisational redundancies.

After redundancy; I have continued to build my capabilities by completing a Certificate IV in Cyber Security through the Canberra Institute of Technology. Having now completed this qualification, I am returning to the workforce with refreshed technical skills and a strong motivation to grow.

I am passionate about development and software engineering, and as I continue to build my career, I aim to contribute as a proactive, curious, and collaborative team member. I value workplaces that foster continuous learning, creativity, and shared growth.

Experience

Application Engineer

Coppertree Analytics Australia
Fyshwick, ACT

August 2019 - July 2023

Achievements

- Automated several time-consuming tasks (e.g. Form filling, custom report generation)

My role was to build support software for my colleagues, and custom automated reports for clients. These programs were primarily written in python and intergrated to the companies analytics platform through a REST API. Additionally I worked on creating a SQL based database commissioning tool for site deployment.

Robin Davis

SOFTWARE DEVELOPER

Skills

Programming Languages

JavaScript • Python • C# • C/C++
PHP • SQL

Frameworks & Libraries

React.js • Vue 3 • Flask • Node.js • Electron
Tailwind CSS • OpenGL

Software & Web Development

HTML/CSS • REST API Design •
• REST API Integration • Git • Linux (Mint, Debian, Ubuntu, Kali)

Data & Analytics

Power BI

Design & User Experience

UI/UX Design • Graphic Design • Figma
Adobe Suite • Affinity Suite

Other Skills

Microsoft Office Suite • Team Training
Dungeons And Dragons GM

UI Designer

Delta Building Automation
Fyshwick, ACT

September 2019 - December 2022

Achievements

- Developed new GUI Templates for organisation
- Developed documentation library

IT Support (Work Experience)

St John Paul II College
Nicholls, ACT

July 2018

Achievements

- Positive staff feedback
- Applied university knowledge in a real-world environment

Customer Service Assistant

Caltex Starmart Service Station
Nicholls and Braddon, ACT

June 2016 - September 2019

Achievements

- Trained over 10 staff members
- Completed deliveries and promotion changeover during solo shifts

My role was to build graphical interfaces for HVAC equipment, 3D rendering of building floorplans, and designing and programming tools/templates to assist the workflow of the team.

I worked alongside the onsite IT support team, undertaking IT support tasks for the school such as desktop support (application and OS), automation scripting and network reconfiguration including developing supporting documentation.

Within this role I was responsible for several tasks: cleaning the store, sorting and shelving product, managing deliveries, managing the register, training staff, and general customer support.

References

Phone numbers provided on request

Chris Stamatis

Director
Coppertree Analytics Australia
✉ cps@cutree.com.au

Hendra Nugraha

Engineering Manager (ACT)
Delta Building Automation
✉ hnugraha@deltaba.com.au

Tim Davis

Director
Delta Building Automation
✉ tdavis@deltaba.com.au

Education

Certificate IV in Cyber Security

CIT, Reid
2023 - 2025 (Completed)

Bachelor of Engineering in Network and Software Engineering

University of Canberra, Bruce
2017 - 2019 (Incomplete)

Completed Units

12 Units Completed

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| • Database Design (Distinction) | • Web Design and Programming |
| • Introduction to Software Engineering (Distinction) | • Engineering Management 2A |
| • Engineering Mathematics | • Discrete Mathematics |
| • Introduction to Network Engineering | • System Software |

Senior Secondary Certificate

Daramalan College, Dickson
2011 - 2016 (Completed)