

Embedded Systems Engineer

Temperzones customers trust us to provide them with products that meet their comfort and environmental needs in a sustainable manner. We deliver true value to their businesses every day. Our world-class air-conditioning solutions are installed in high profile buildings throughout Australasia, South East Asia and the Pacific Islands. Our products are used by millions of people every day.

Temperzone continually invests in R&D and innovation with a relentless commitment to outstanding quality. We have high growth ambitions over the next few years, and we need the right people to help us get there.

The Opportunities

We have an opportunity for an Embedded Systems Engineer. Working primarily on our Air Conditioning Control System products, you will work as part of a team that is responsible for the design and implementation of features and subsystems within our product range.

The Person

We're looking for people with a true passion for modern embedded control systems.

Some of the skills and experience we are keen to see include:

2+ years of development of C/C++ for embedded systems on a range of platforms including bare-metal microcontrollers and embedded operating systems

Experience in creating and automating tests for software.

Understanding of a range of communication systems and serial protocols.

Ability to read a circuit schematic and experience with standard electronics tools such as oscilloscopes

Tertiary degree and 3+ years' experience in the software development industry

Strong written and verbal English skills

The following skills will be advantageous to the successful applicant

Exposure to a range of software development languages, tool-chains and platforms

Arm Cortex M experience

Knowledge of control systems theory and some prior experience

Prior experience with development for Java/JavaScript/Python/HTML/Shell

Prior experience with Modbus / BACnet communication protocols

An understanding of the software development cycle: specification, design, implementation, testing, documentation

Are you strong in bare metal embedded development and motivated to learn best practice C++ application development? Likewise, do you have a background in C++ application development, but want to expand your experience to lower-level software architectures? If you think your passion and determination to build a customer inspired product sets you apart from the rest, and you answered yes to the questions above, this role could be a great fit. We'd love to talk to you.

Why Temperzone?

You'll work with an amazing and supportive team in an innovative company with a great family culture. We have operations in New Zealand, Australia, Asia. Our culture is entrepreneurial in spirit, complex, challenging, an ever changing. We offer New Zealand based candidates unrivalled career paths.

Software Engineer

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The Opportunities

We have an opportunity for a Software Engineer. You will work as a member of a team responsible for connecting our Air Conditioning products to external networks, the internet and cloud services

The Person

We're looking for a software developer who enjoys working with IoT systems

Some of the skills and experience we are keen to see include:

2+ years of developing software in C/C++ for embedded systems on a range of platforms including bare-metal microcontrollers and embedded operating systems

Solid understanding of OO design patterns

Experience with a range of software development languages including Python/Shell script.

The following skills will be advantageous to the successful applicant

Understanding of microservices-based container application

Good understanding of a range of communication systems and protocols including TCP/IP, MQTT, RF technologies, cellular and BACnet

Experience with Azure/AWS IoT services

Experience in creating/maintaining/automating software tests

Tertiary degree and 3+ years' experience in the software development industry

Strong written and verbal English skills

Experience with Java/JavaScript/HTML

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