

JEREMIAH SMITH

Software Developer

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📍 Byron Bay, Australia



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<https://github.com/jeremiahsmithdev>

WORK EXPERIENCE

Control Systems Engineer

SAFEgroup Automation

📅 May 2024 - Feb 2025 📍 NSW

- Engineered and deployed SCADA and IIOT systems, enhancing operational efficiency for Northern NSW councils.
- Oversaw end-to-end project development and commissioning followed by post-production support to clients.

Software Development Engineer

Amadeus

📅 August 2021 - June 2023 📍 Sydney

- Revamped a Python component of the Customer Management system, delivering tailored flight recommendations at load time.
- Engineered innovative enhancements within the C++ architecture of Customer Management, maintaining system performance and user experience.

Alumni Associate - Software Developer

Wiley Edge

📅 July 2021 - February 2023

- Completed an intensive six-week C++ Software Development program, acquiring advanced programming skills.
- Delivered robust enterprise-level C++ back-end solutions for Amadeus as a contracted software developer.

Database Administrator

Love Out Loud Oz

📅 December 2020 - April 2021 📍 Newcastle

- Redesigned and revamped a complex MS Access database of 20,000 schools and churches.
- Added visual functionality to a Google Maps Platform front end used to interact with the database.

INTRODUCTION

Mid-Level Software Developer with five years experience in a wide range of roles including enterprise back-end applications development, database management, web development and SCADA & IoT systems. A strong ability to learn and adapt on the job, picking up new skills independently. A passion for automating workflows and enhancing systems and productivity levels to foster a more harmonious relationship between humans and technology.

EDUCATION

Bachelor of Computer Science
Computer Systems and Robotics
University of Newcastle

📅 2020

📍 Australia

- Machine Learning
- Deep Neural Networks

SKILLS

- Python
- C++
- Java
- SQL
- Unix / Linux
- JavaScript
- HTML & CSS
- IoT
- SCADA