

Ryan Kelley

Currently studying a Diploma of Information Technology (Advanced Programming) at TAFE, where I'm gaining hands-on experiences through practical projects. Skilled in SaaS development and Low-level programming.

EDUCATION

North Metro TAFE, Northbridge — *Diploma of Information Technology (Advanced Programming)*

FEBRUARY 2025 - DECEMBER 2025

EXPERIENCE

Self-Employed, Mahogany Creek — *Software Developer*

SEPTEMBER 2024 - PRESENT

- Collaborated with developers and stakeholders to integrate systems, and deliver reliable, user-focused solutions.
- Debugged and optimized applications to ensure smooth functionality and long-term maintainability.

Bloom & Grow Education, Remote — *Video Editor*

JANUARY 2023 - NOVEMBER 2023

- Edited videos for clarity and engagement by cutting dead space, adding B-roll, and correcting verbal mistakes.
- Delivered high-quality, accessible content with subtitles and quick turnaround times.

PROJECTS

Bash-Salt — Developer Productivity Toolkit

FEBRUARY 2025 - PRESENT

An open-source Dev productivity toolkit designed to streamlining common or repetitive terminal tasks and improving workflow efficiency.

- Led user-focused iterations to position Bash-Salt as a developer-first tool, reducing friction and improving productivity through real-world testing.
- Developed a robust and modular installation system from scratch using shell scripting, designed for scalability and automation.
- Built a full-stack web application in PHP to showcase and manage the project, integrating both frontend and backend systems.

AI Assistant “Yuki” — Voice-Powered Productivity Assistant

DECEMBER 2024 - PRESENT

An AI voice assistant built to support makers and developers by handling routine tasks and enhancing workflow efficiency.

- Integrated speech recognition and TTS using Python libraries
- Designed extensible architecture for easy feature expansion
- Optimized response time and voice recognition accuracy

Mahogany Creek, Western Australia (WA)

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[Portfolio Website](#)

github.com/sparrowsaurora

PERSONAL SKILLS

Clear verbal/written communication for code documentation and team collaboration

Strong teamwork with developers and project managers

Organised in managing code, workflows, and update records

Attentive listener for understanding project and client needs

Skilled in coordinating tasks, resources, and timelines

PRACTICAL SKILLS

Proficient in Python, C++, PHP, Shell and Rust

Experience in JavaScript, HTML, CSS, SQL, and PHP

Experienced with Git and GitHub for version control

Strong grasp of OOP and data structures

Skilled in using terminal systems (e.g., BASH)

LANGUAGES

Python	Rust	C++
JavaScript	SHELL	SQL
Tailwind CSS	HTML	PHP

German (beginner)

English (native)