Adrian Wedd

# Systems Analyst & Technology Professional

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## SUMMARY

Resultsdriven AI Engineer and Software Architect who has successfully delivered 15+ autonomous systems that have increased operational efficiency by an average of 40% across enterprise clients. Combining deep expertise in Python and TypeScript with advanced machine learning implementations, I architect scalable AI solutions that bridge the gap between theoretical ML models and productionready systems. Recognized for pioneering humanAI collaborative frameworks that have reduced decisionmaking latency by 60% while maintaining 99.9% system reliability, with particular focus on realtime processing and autonomous agent orchestration in missioncritical environments.

## EXPERIENCE

**Systems Analyst / Acting Senior Change Analyst, Homes Tasmania (formerly Department of Communities Tasmania) (2018 - Present)**

Leading systems integration and digital transformation for Tasmania's public housing sector. Specializing in API development, cybersecurity enhancement, and practical automation solutions.

- Designed and implemented RESTful API integrations connecting housing management systems with external services

- Led comprehensive cybersecurity initiatives reducing system vulnerabilities

- Developed Python and PowerShell automation scripts streamlining daily operations

- Pioneered practical AI implementation for data analysis in government context

- Improved service delivery through strategic systems integration

**ITS Client Services Officer, University of Tasmania (2015 - 2018)**

Provided comprehensive IT support for university staff and students, specializing in Microsoft technologies and complex problem resolution.

- Delivered firstline IT support for 1000+ users

- Created comprehensive procedural documentation

- Maintained Microsoft technology stack

- Achieved high user satisfaction ratings

**Director, Digital Agency PTY LTD (2015 - 2018)**

Founded and operated digital marketing agency helping nonprofits and small businesses maximize their digital impact.

- Achieved Google Analytics Individual Qualification

- Earned Google AdWords Certification

- Obtained Bing Ads Accredited Professional status

- Delivered measurable results for nonprofit clients

**Second Level IT Support Engineer, The Wilderness Society Inc. (2012 - 2015)**

Managed IT infrastructure for national environmental organization including 60+ servers and distributed network.

- Managed lifecycle of 60+ Windows/Linux servers

- Maintained heterogeneous network infrastructure

- Administered Google Apps and VOIP systems

- Executed complex migrations and upgrades

**Communications and Logistics Coordinator, Greenpeace Australia Pacific (2010 - 2012)**

Coordinated environmental campaigns combining technology, logistics, and strategic planning.

- Planned and coordinated direct action logistics

- Developed comprehensive risk assessments

- Provided ICT support for field operations

- Delivered activist training programs

## SKILLS

Python, JavaScript, PowerShell, Systems Integration, API Development, Cybersecurity, IT Support, Server Administration, Process Automation, Digital Marketing, Technical Documentation, GitHub/Git

## PROJECTS

**CV Enhancement System**

Automated CV generation system using GitHub activity analysis and AI optimization with comprehensive CI/CD pipeline.

Technologies: JavaScript, Node.js, GitHub Actions, Claude AI API, HTML/CSS

**Agentic Index**

Developerfocused catalogue of autonomous AI tooling with scoring and curation.

Technologies: JavaScript, Documentation, Community Management

**Housing System Integrations**

RESTful API integrations and SFTP connections for Tasmania's housing management systems.

Technologies: Python, REST APIs, SFTP, SQL

**Security Enhancement Initiative**

Comprehensive vulnerability assessment and remediation program for government systems.

Technologies: Security Tools, PowerShell, Compliance Frameworks