# AW

● Available

# Adrian Wedd

AI Engineer & Software Architect

Pioneering autonomous systems and intelligent technology solutions

📍 Tasmania, Australia

**0**

Commits (30d)

**0/100**

Activity Score

**7**

Languages

**Just now**

Last Updated

# 👤 About Me

Professional Overview & Background

AI Engineer and Software Architect specializing in autonomous systems, machine learning, and innovative technology solutions.

My expertise spans the full spectrum of AI development, from research and prototyping to production deployment of large-scale systems. I thrive on complex challenges and am particularly drawn to projects involving autonomous agents, real-time systems, and innovative human-AI collaboration.

## Core Competencies

🤖 **AI & Machine Learning**
Advanced ML systems, neural networks, autonomous agents

🏗️ **Software Architecture**
Scalable systems, microservices, cloud-native design

⚡ **Real-time Systems**
High-performance computing, edge deployment, optimization

🔬 **Research & Innovation**
Experimental AI, emerging technologies, R&D leadership

## Quick Facts

| Location | Tasmania, Australia |
|---|---|
| Availability | Open to opportunities |
| Focus | AI & Autonomous Systems |
| Approach | Innovation-driven |

## Areas of Interest

Autonomous Agents    Neural Networks    Distributed Systems

Edge Computing    Human-AI Interaction    Sustainable Technology

# 💼 Professional Experience

Career Journey & Key Roles

### AI Engineer & Software Architect

Independent Consultant 2020 - Present
Specializing in autonomous systems, machine learning, and innovative AI solutions for complex technical challenges.
Developed advanced AI systems for autonomous decision-making
Architected scalable software solutions for real-time processing
Led research initiatives in human-AI collaboration
PythonTensorFlowPyTorchJavaScriptDockerKubernetes

# 🚀 Featured Projects

Notable Work & Contributions

### TicketSmith

🔗 GitHub

Ecosystem-aware AI automation platform for Jira & Confluence with intelligent workflow optimization.

LangChainReactFastAPIDocker

95% Automation Rate

40% Time Saved

### Agentic Research Engine

Next-generation multi-agent research system with genuine learning and dynamic collaboration.

PythonAI/MLMulti-Agent Systems

10x Research Speed

85% Accuracy Rate

# ⚡ Technical Skills

Technologies & Expertise Levels

**Programming Languages**

Python 95%

JavaScript 90%

TypeScript 85%

**AI & Data Science**

Machine Learning 90%

Deep Learning 85%

TensorFlow 80%

**Frontend**

React 85%

**Backend**

Node.js 90%

**DevOps**

Docker 85%

Kubernetes 75%

**Cloud Platforms**

AWS 80%

**Software Design**

System Architecture 95%

# 🏆 Achievements & Recognition

Awards, Certifications & Milestones

🏆

## AI Innovation Excellence

Recognition for groundbreaking work in autonomous AI systems and human-machine collaboration.
2024

🚀

## Open Source Contributor

Active contribution to various open-source projects in AI, automation, and developer tools.
2020-2024

🎯

## Technical Leadership

Successfully led multiple high-impact technical projects from conception to deployment.
2021-2024

**Adrian Wedd** • AI Engineer & Software Architect
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