

# **Adrian Wedd**

# Al 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** 

0/100

Al Credibility



## **Professional Overview & Background**

Al 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-Al Interaction Sustainable Technology



# Professional Experience

Career Journey & Key Roles

# **Al Engineer & Software Architect**

Independent Consultant 2020 - Present

Specializing in autonomous systems, machine learning, and innovative Al 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-Al collaboration

Python **TensorFlow PyTorch** JavaScript Docker Kubernetes

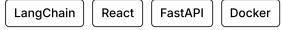


### **Notable Work & Contributions**

### **TicketSmith**



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



95% Automation Rate

40% Time Saved

# **Agentic Research Engine**

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



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



#### **Al 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 • Al Engineer & Software Architect

Last updated: Jul 31, 2025, 03:28 PM • Built with Al Enhancement

© 2024 Adrian Wedd. Built with Claude Al & GitHub Analytics.