

**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

**0/100**

AI Credibility



# About Me

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## 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

Python

TensorFlow

PyTorch

JavaScript

Docker

Kubernetes



# Featured Projects

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## Notable Work & Contributions

### TicketSmith

 [GitHub](#)

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

LangChain

React

FastAPI

Docker

**95%** Automation Rate

**40%** Time Saved

### Agentic Research Engine

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

Python

AI/ML

Multi-Agent Systems

**10x** Research Speed

**85%** Accuracy Rate

# Technical Skills

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## 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%



## Data Visualizations

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## Insights from Activity & Skills

### Top Languages



# Achievements & Recognition

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## 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

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

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