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 Available

Adrian Wedd

AI Engineer & Software Architect

Pioneering autonomous systems and intelligent technology solutions

 Tasmania, Australia

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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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