Agents Unleashed Resource Guide – August 15th, 2025

Agents

- [Agents](#)

- [2025 in LLMs so far, illustrated by Pelicans on Bicycles — Simon Willison](#)
- [How We Build Effective Agents: Barry Zhang, Anthropic](#)
- [Andrej Karpathy: Software Is Changing (Again)](#)
- [microsoft/generative-ai-for-beginners: 21 Lessons, Get Started Building with Generative AI](#) 🔗 https://microsoft.github.io/generative-ai-for-beginners/
- [microsoft/ai-agents-for-beginners: 11 Lessons to Get Started Building AI Agents](#)

- [Building effective agents \ Anthropic](#)

- [AI Agents from First Principles](#)

- [My Startup's AI Agent Playbook for 5-10x Engineering Speed (with Claude Code, MCP's, etc) - YouTube](#)

- [Tips for building AI agents](#)
- [[Session] MCP vs ACP vs A2A: Comparing Agent Protocols with Laurie Voss from LlamaIndex](#)
- [Four AI Agent Strategies That Improve GPT-4 and GPT-3.5 Performance](#)
- [VS Code: Open-Source AI Editor](#) (**GitHub Copilot Chat open source)**
- [[2505.22954] Darwin Godel Machine: Open-Ended Evolution of Self-Improving Agents](#)
- [How I program with Agents | crawshaw - 2025-06-08](#)
- [Choosing the right AI model for your task - GitHub Docs](#)
- [How to deploy AI safely | Microsoft Security Blog](#)
- [AI Strategy: A Practical Framework Using Jobs-to-be-Done (JTBD) | by Mike Boysen | Apr, 2025 | Medium](#)
- [Design Patterns for Securing LLM Agents against Prompt Injections](#)
- [Red-teaming a RAG app with the Azure AI Evaluation SDK | Microsoft Community Hub](#)

MultiAgents

- [Lessons from Toyota for building durable multi-agent copilots](#)
- [Conceptual Guide: Multi Agent Architectures](#)
- [A2A Protocol - Agent-to-Agent Communication](#)

[John Alexander](#) - https://github.com/JRAlexander/kcdc-2025

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- [1706.02275] Multi-Agent Actor-Critic for Mixed Cooperative-Competitive Environments

Prompting

- GPT-5 prompting guide
- GPT-5 Prompt Migration and Improvement Using the New Optimizer
- State-Of-The-Art Prompting For AI Agents
- The Prompt Engineering Playbook for Programmers
- Enhance your prompts with meta prompting
- AI-assisted coding for teams that can't get away with vibes - nilenso blog
- AI-assisted coding (simon willison)
- GPT-4.1 Prompting Guide
- The rise of "context engineering"
- Claude 4 System Card
- A Systematic Survey of Prompt Engineering in Large Language Models:
- Techniques and Applications
- Best Practice Guidelines for Prompt Markdown Instructions (.md Files) · GitHub
- GPT-5: Will it RAG?

Tool Calling

- Introducing the Model Context Protocol \ Anthropic
- Introduction - Model Context Protocol
- MCP Dev Days: Day 1 - DevTools
- MCP Dev Days: Day 2 - Builders
- microsoft/mcp-for-beginners: This open-source curriculum is designed to teach the concepts and fundamentals of the Model Context Protocol (MCP), with practical examples in .NET, Java, TypeScript, JavaScript and Python.
- My Lethal Trifecta talk at the Bay Area AI Security Meetup - Simon Willson
- To MCP or not to MCP?
- MCP Gets OAuth: Understanding the New Authorization Specification
- How to call functions with chat models
- Authorization - Model Context Protocol
- The New MCP Authorization Specification · Den Delimarsky
- Please Don't Write Your Own MCP Authorization Code · Den Delimarsky

John Alexander - https://github.com/JRAlexander/kcdc-2025

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- Announcing Model Context Protocol Support (preview) in Azure AI Foundry Agent Service | Azure AI Foundry Blog
- Build Agents using Model Context Protocol on Azure | Microsoft Learn
- Open Protocols for Agent Interoperability Part 1: Inter-Agent Communication on MCP | AWS Open Source Blog
- Open Protocols for Agent Interoperability Part 2: Authentication on MCP | AWS Open Source Blog
- Building Agents with Model Context Protocol - Full Workshop with Mahesh Murag of Anthropic
- How to call functions with chat models
- Build AI agent tools using remote MCP with Azure Functions | Microsoft Community Hub
- modelcontextprotocol/inspector: Visual testing tool for MCP servers
- NLWeb Pioneer Profiles: Customer Success Stories & Use Cases
- Agentic Coding Recommendations | Armin Ronacher's Thoughts and Writings
- GitHub - github/awesome-copilot: Community-contributed instructions, prompts, and configurations to help you make the most of GitHub Copilot.

Reports and Industry Studies

- KPMG AI Quarterly Pulse Survey
- State of AI Agents | Langbase Research
- AI agents and autonomous AI | Deloitte Insights
- Trends_Artificial_Intelligence.pdf
- 16 Changes to AI in the Enterprise: 2025 Edition | Andreessen Horowitz

Examples

- Shubhamsaboo/awesome-llm-apps: Collection of awesome LLM apps with AI Agents and RAG using OpenAI, Anthropic, Gemini and opensource models.
- microsoft/multi-agent-reference-architecture: Guide for designing adaptive, scalable, and secure enterprise multi-agent systems
- hugobowne/AI-for-SWEs: AI for Software Engineers