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Professional

Roadmap to Becoming an AI Generalist

Build Once. Solve Anything. Stay Irreplaceable.

Why Become an AI Generalist?

4 out of 5 jobs will be touched or replaced by AI by 2030. The best way to stay ahead? Become the person who knows how to build with it.

An **AI Generalist** is like a full-stack builder for the AI era—someone who understands enough across domains (text, image, automation, product) to:

- Prototype fast
- Build useful tools
- Solve real-world problems
- Adapt to any future disruption

You don't need to be a coder. You need to be a **creative problem solver** who knows how to work with AI tools and systems.

Who Should be an AI Generalist?

 **Entrepreneurs:**

→ Build smarter products, automate your agency, generate content at scale

Working Professionals:

→ Upskill fast, lead AI adoption, boost your side hustle or career growth

Students & Career Switchers:

→ Leapfrog into the most future-proof skills of the decade

The 5-Level AI Generalist Roadmap

Level 1 – Foundations of AI & LLMs

| Build a strong mental model of how modern AI works.

◆ What To Learn:

- What's inside models like ChatGPT, Claude, Gemini
- Core concepts: tokens, context window, reasoning limits
- AI tools: ChatGPT, Claude, Perplexity, CustomGPTs
- Prompting basics: Zero-shot, Few-shot, Chain of Thought

 Tools: [ChatGPT](#), [Claude](#), [Perplexity](#), [CustomGPTs](#)

Level 2 – Prompt Engineering, RAGs & Tuning

| Move from casual use to structured, repeatable results.

◆ What To Learn:

- Prompt frameworks: ReAct, Memory, CoT, Output control
- Retrieval-Augmented Generation (RAG): how to ground LLMs with your own data
- API calls, embeddings, fine-tuning basics
- JSON formatting, function calling, agent memory

 Tools: [LangChain](#), [OpenAI Playground](#), [Vector DBs](#), [Pinecone](#), [VectorShift](#)

Level 3 – Image, Audio & Video Generation

| Extend your skillset beyond text. AI isn't just chatbots.

◆ What To Learn:

- Generate visual & audio content using AI

- Create explainer videos, avatars, branded assets
- Use cases: social content, UGC ads, presentations, pitches
- Automate content pipelines end-to-end

🔧 Tools: [Midjourney](#), [RunwayML](#), [Pika](#), [ElevenLabs](#), [Descript](#), [HeyGen](#)

Level 4 – Automations & AI Agents

Start building useful tools. Connect APIs, workflows, and memory.

◆ What To Learn:

- Build micro-products & internal tools
- Automate workflows for marketing, ops, support, HR
- Connect LLMs to real-world systems: APIs, CRMs, DBs
- No-code + AI: Zapier + GPT, Superagent, CrewAI

🔧 Tools: [Zapier](#), [Make](#), [Lindy](#), [n8n](#), [Replit](#), [Lindy](#)

Level 5 – Build AI-Powered Products

Design, deploy and lead AI solutions across functions.

◆ What To Learn:

- Create full-stack AI workflows across business functions
- Stay ahead with open-source models, custom hosting, new tools
- Understand when to use proprietary vs open-source models
- Lead teams in AI adoption & evangelism

🔧 Tools: [Ollama](#), [Supabase](#), [HuggingFace](#), [Lovable](#), [Cursor](#), [Vercel](#)

Career Ladder in the AI Age

Experience Level	How You Contribute
0–1 Years	Use AI tools to 10x personal productivity. Automate tasks.
1–3 Years	Build and manage AI-powered workflows. Solve team-level problems.
3–5 Years	Launch micro-products. Drive department-level automation.
5+ Years	Lead org-wide AI strategy. Mentor. Drive innovation at scale.

Core Takeaways

- ✓ AI Generalists are **modern-day full-stack problem solvers**
 - ✓ You **don't need to code**—just learn to think like a builder
 - ✓ Learn once, apply across industries
 - ✓ The compound effect of being early is massive
 - ✓ Most people are still learning *how to prompt* — you'll be *building real solutions*
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Bonus: Starter Projects You Can Build in 30 Days

- AI-powered resume builder for job seekers
 - Chatbot that answers FAQs from your company docs
 - UGC ad script generator using ChatGPT + ElevenLabs
 - Internal lead qualifier bot using LangChain
 - Video podcast clip generator using RunwayML + Zapier
 - Micro-product: "AI Agent that summarizes investor calls"
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Your Toolkit as an AI Generalist

Category	Tools
Text & Chat	ChatGPT, Claude, Gemini, Perplexity, Mistral
Prompting & Orchestration	LangChain, CrewAI, OpenAI Playground, Google AI Studio, VectorShift
Content Gen	ChatGPT 4o, Midjourney, Pika, RunwayML, ElevenLabs, Krea AI, SDXL
Automation	Zapier, Make, Lindy, n8n, Gumloop
Product Building	Replit, Webflow, Cursor, Vercel, Lovable, Airtable
Data & Infra	Pinecone, Chroma, Ollama, Hugging Face

Can You Learn This On Your Own?

Absolutely. There's an ocean of information available online—blogs, YouTube, open-source projects, and Twitter threads. If you have the curiosity and consistency, you can teach yourself everything in this roadmap.

BUT if you want a focused, structured, and mentor-led journey with real-world projects and outcomes in just 2 days—then the **Outskill AI Generalist Fellowship** is your best bet.