

# AI, Prompt Engineering & ML Career Roadmap

## Career Goal

Career Goal:

Become an AI & Prompt Engineer / ML Developer (Freelance + Future Professional/Abroad)

## Phase 1: Foundation (2025)

PHASE 1: Foundation (June 2025 Dec 2025)

Goal: Build your basics in software, programming, and AI concepts.

- Learn Python (core language for AI/ML)
  - Resources: FreeCodeCamp, W3Schools, "Python Crash Course", YouTube.
  - Projects: Calculators, to-do apps, web scrapers.
- Start GitHub and push small projects.
- Learn Git basics and version control.
- Intro to AI & ML: Learn what AI, ML, DL, Prompt Engineering, NLP are.

## Phase 2: Core Learning (2026)

PHASE 2: Core Learning (Jan 2026 Dec 2026)

Goal: Become job-ready in AI/ML and start freelancing on basic projects.

- Learn Numpy, Pandas, Matplotlib (data handling and plotting)
- Learn Scikit-learn (machine learning basics)
- Explore TensorFlow or PyTorch
- Learn Prompt Engineering and practice on OpenAI Playground or Poe
- Do 35 beginner AI/ML projects: Spam Detector, Image Classifier, Sentiment Analysis, Chatbot.
- Build LinkedIn and Freelance profiles: Upwork, Fiverr, Freelancer.

## Phase 3: Apply Skills (2027-2028)

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## PHASE 3: Apply Skills Professionally (2027 - 2028)

Goal: Build credibility, land freelance/remote work, and prepare for global or local jobs.

- Learn Deep Learning (Neural Networks), HuggingFace, LangChain
- Try Open Source projects
- Get certifications (Google AI, IBM ML, OpenAI Prompt Engineering)
- Apply to internships, remote AI jobs, or freelance projects.
- Build a personal website using GitHub Pages or Webflow.

## Tools & Skills to Learn

Tools & Skills to Learn:

Programming: Python, JavaScript (optional)

Data Science: Numpy, Pandas, Matplotlib

Machine Learning: Scikit-learn, TensorFlow, PyTorch

Prompt Engineering: ChatGPT, Claude, Poe, LangChain

Freelancing: Upwork, Fiverr, GitHub

Career Branding: LinkedIn, GitHub Portfolio

## Bonus: If You Want to Go Abroad

BONUS (Going Abroad):

- Focus on international certifications.
- Build GitHub + LinkedIn presence.
- Apply for remote internships/freelance gigs.
- Learn English writing & communication for remote work.