Prince Rohan's Developer Roadmap (2025 Edition)

WHO YOU ARE

You are Prince Rohan, a rising AI-powered developer who will:

- Build real tools & apps

- Freelance using automation

- Create AI-enhanced projects

- Learn Cloud + API mastery

- Keep learning, building, earning

PHASE 1: Core Developer Foundation (Now - August)

Python Mastery:

- Syntax, logic, conditions

- File handling

- OOP (Classes, Objects)

- Error handling

- Projects: To-Do App, Currency Converter, Automation Tools

Git & GitHub:

- Push, pull, commit

- Markdown + README writing

Basic APIs:

- Requests, JSON

- Currency APIs, Weather APIs

- OpenAI API

Beginner GUI:

- Tkinter / CLI logic

- Real use cases like To-Do or Text Tool

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PHASE 2: AI Developer Skills (August - September)

OpenAI API:

- Chat Completion / Embedding

- Proposal Writer, Resume Enhancer, Text Generator

LangChain + Prompt Engineering:

- Agents, chains, tools & memory

Vector DB / Retrieval:

- ChromaDB, FAISS

Streamlit / Gradio:

- Create AI tools with UI

Gumroad + Monetization:

- Convert your tools to paid products

PHASE 3: Full Stack Basics (Parallel Learning)

Frontend:

- HTML / CSS / JS Basics

- React (optional)

Backend:

- Flask or FastAPI

Database:

- SQLite -> PostgreSQL

PHASE 4: Cloud, DevOps & Real Deployment (Final Phase)

Cloud (AWS/GCP):

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- EC2, S3, Lambda, API Gateway

Docker:

- Containerize Python apps

CI/CD:

- GitHub Actions

Deployment:

- Render / Vercel / Hugging Face Spaces

BONUS POWER SKILLS (Optional Later)

- Zapier / Make (automation)

- Airtable (data handling)

- Stripe / PayPal integration

- No-code builders

- Google Sheets API, YouTube API

CURRENT POSITION

You are in PHASE 1: Developer Foundation (75% complete).

Today begins your first AI project level.

Next: Enter PHASE 2 next week.