Your 6-Month Roadmap: Tech Entrepreneur / Startup Founder (Beginner Level)

Phase 1: Month 1 — Web Development Foundations

Goal: Learn how to build full websites and apps from frontend to backend.

Topics to Learn:

- JavaScript (DOM manipulation, ES6+)
- Python Web Framework: **Django** or **Flask**
- Git & GitHub basics
- Basic PostgreSQL

Projects:

- Personal Portfolio Website
- Simple Blog using Django + PostgreSQL

Hours/Week Breakdown:

- 6 hrs: JS + Django tutorials (YouTube/FreeCodeCamp)
- 4 hrs: Practice by building small features
- 4 hrs: Git + CLI practice
- 7 hrs: Work on blog project

Phase 2: Month 2–3 — Full-Stack Development

Goal: Build modern full-stack web apps

Topics:

- React.js frontend
- Django REST Framework (APIs)
- Connecting React to Django APIs
- Authentication (JWT, login/signup)
- Deployment basics (Netlify, Render, Railway)

Projects:

- Task Manager App
- E-Commerce Lite MVP

Hours/Week:

- 6 hrs: React & DRF tutorials
- 5 hrs: Build API and frontend connection
- 4 hrs: Learn and practice deployment
- 6 hrs: Build the e-commerce MVP

Phase 3: Month 4 — Cloud & DevOps (For Deployment & Scalability)

Goal: Learn how to host and scale your apps

Topics:

- Linux & terminal skills
- Docker (containerize your app)
- Cloud Platforms: AWS/GCP basics
- Deploy Django + React on cloud (e.g., EC2 or App Engine)
- CI/CD using GitHub Actions

Projects:

- Deploy your existing project on the cloud
- Add GitHub Actions CI/CD pipeline

Hours/Week:

- 6 hrs: Linux + Docker + GitHub Actions
- 6 hrs: Cloud deployment practice
- 9 hrs: Improve & scale your project

Phase 4: Month 5 — Build & Validate a Real Startup Idea

Goal: Turn your idea into a minimum viable product (MVP)

Steps:

- Research real problems (online/offline)
- Build a simple MVP in Django + React
- Validate with real users (friends, online communities)
- Add features based on feedback

Tools:

- Figma (UI mockups)
- Stripe/Flutterwave (if you need payments)
- Firebase/Auth0 (for auth if not custom)

Hours/Week:

- 7 hrs: MVP development
- 5 hrs: Learning UI/UX design
- 9 hrs: Feedback, testing, and iterations

Phase 5: Month 6 — Business & Launch

Goal: Learn how to launch, pitch, and grow your product

Topics:

- Lean Startup Method
- Landing Pages & Email Marketing (e.g., Mailchimp, ConvertKit)
- Market your startup: SEO, Twitter/X, LinkedIn, Product Hunt
- Monetization strategies (subscription, freemium, etc.)

Tasks:

- Launch MVP online (even if basic)
- Create social media and marketing channels
- Pitch your startup to friends/investors/mentors

Optional Tools to Learn Along the Way

- **Firebase** (for auth, realtime db, hosting)
- **Stripe** (for payments)
- **Render/Vercel/Netlify** (for quick hosting)
- **Airtable** or **Google Sheets API** (as MVP backend)