👨🏾‍💻 Re-Awakened

Task: "Zero To AI Native Full Stack Developer"

✅ Block 1 - Job Focused (17 Weeks)

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🏁 PHASE 0: SURVIVAL SETUP (WEEK 0)
Goal: Set up your tools, workflows, and rituals like a real engineer

Week 0

- **Day 1:** Git, GitHub, Markdown, Conventional Commits
- **Day 2:** Dev Diary Setup (Notion or Markdown)
- **Day 3:** VSCode Setup + Extensions (Prettier, ESLint, GitLens, Tailwind)
- **Day 4:** Chrome DevTools (Elements, Console, Network, Sources)
- **Day 5:** Git Branching, Feature Branches, PR Simulation
- **Day 6:** Setup README-first workflow (Template + Example)
- **Day 7:** Final review + push dummy PR to test setup
- **Project:** Setup Portfolio Repository + Initial Commit History

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🖊️ PHASE 1: MODERN JAVASCRIPT SYSTEMS (WEEKS 1–4)
Goal: Learn JavaScript deeply + simulate dev by building real-world tools

Week 1: JavaScript Core

- **Day 1:** Variables, Data Types, Type Coercion, Console

- **Day 2:** Control Flow (if/else, switch, loops)

- **Day 3:** Functions, Parameters, Return Values

- **Day 4:** Scopes, Closures, Hoisting

- **Day 5:** Callbacks, Event Listeners

- **Day 6:** Objects & Arrays (Destructuring, Mutations)

- **Day 7:** JS Debugging Practice

- **Project:** InsightBoard — Async Standup Dashboard

Week 2: DOM & Async

- **Day 8:** Promises, .then/.catch

- **Day 9:** Async/Await, Fetch API

- **Day 10:** DOM Tree, querySelector, innerHTML

- **Day 11:** DOM Events, addEventListener

- **Day 12:** Form Handling, Input Validation

- **Day 13:** Building Reusable JS Functions

- **Day 14:** Microproject Build & Deploy

- **Project:** InvoiceGen — Invoice Generator

Week 3: Real Life Business Logic

- **Day 15:** Intro to MediScan Project + Schema

- **Day 16:** UI Design + DOM Layout

- **Day 17:** Date Logic + Shift Display

- **Day 18:** Save/View/Filter Shifts

- **Day 19:** Print/Export View

- **Day 20:** Code Cleanup

- **Day 21:** Dev Diary + PR

- **Project:** MediScan — Hospital Shift Tracker

Week 4: Utility Systems

- **Day 22:** Project Setup for CertiTrack

- **Day 23:** Add/Edit Certification Flow

- **Day 24:** Expiry Date Logic & Filtering
- **Day 25:** Reminders & Alerts
- **Day 26:** UI Styling + Responsive Pass
- **Day 27:** Testing + Refactor
- **Day 28:** Final Polish + Readme Write-up
- **Project:** CertiTrack — HR Certification Tracker

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🔐 PHASE 2: TYPESCRIPT + TESTING + GIT MASTERY (WEEKS 5–8)
Goal: Learn to build type-safe, testable software with CI/CD and team-ready Git workflows

Week 5: TypeScript Foundations

- **Day 29:** TS Basics (Types, Inference, Objects)
- **Day 30:** Interfaces vs Types
- **Day 31:** Literal Types, Enums
- **Day 32:** Union/Intersection Types
- **Day 33:** Generics + Constraints
- **Day 34:** Zod Schema Intro
- **Day 35:** Zod Validation + Form Practice
- **Project:** NotesPro — Typed Notes App

Week 6: Git Mastery + Testing

- **Day 36:** Git stash, reflog, rebase
- **Day 37:** GitHub PR Templates + Feature Branches
- **Day 38:** Intro to Vitest + Unit Tests
- **Day 39:** Testing fetch/mocks
- **Day 40:** GitHub Actions CI Config
- **Day 41:** Write Custom Test Utilities
- **Day 42:** Review + Push
- **Project:** API Buddy — Schema Validated Fetch Tool

Week 7: Full Typed Project

- **Day 43:** ContentSim Setup + Planning

- **Day 44:** Markdown Editor + State

- **Day 45:** PR Simulation Logic

- **Day 46:** Form Validation & Submission

- **Day 47:** Refactor with Zod Types

- **Day 48:** Add Save/Export Feature

- **Day 49:** Deploy & Docs

- **Project:** ContentSim — Markdown Editor + PR Simulator

Week 8: TDD & Refactor Week

- **Day 50:** Build CalcLib Skeleton

- **Day 51:** Write First Test Suite

- **Day 52:** Add CI Feedback Integration

- **Day 53:** Add More Operators

- **Day 54:** Test Edge Cases & Errors

- **Day 55:** Refactor for Performance

- **Day 56:** Final Coverage + Docs

- **Day 57:** Review Week

- **Project:** TestCalcLib — 100% Coverage Calc Lib

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🧬 PHASE 3: MODERN FRONTEND ENGINEER (WEEKS 9–13)
Goal: Build scalable, modern UI systems with React + Next.js 15 + Tailwind

Week 9: React & Zustand

- **Day 58:** React Basics Recap

- **Day 59:** Zustand Store Setup

- **Day 60:** UI Component Planning

- **Day 61:** Component Composition

- **Day 62:** ShadCN Intro + Button/TextField Setup

- **Day 63:** Responsive Tweaks

- **Day 64:** Prep for Project 1

- **Project:** TweetView — Twitter-like Feed w/ Infinite Scroll

Week 10: Real-time UI

- **Day 65:** Setup WebSocket Client
- **Day 66:** Zustand Store Integration
- **Day 67:** Auth UI + Clerk Integration
- **Day 68:** Chat View + Auto Scroll
- **Day 69:** Mobile UX + Animations
- **Day 70:** Loading States + Message UX
- **Day 71:** Push PR + Review
- **Project:** CollabHub — Real-Time Team Chat

Week 11: AI Integration

- **Day 72:** OpenAI Setup + API Call
- **Day 73:** Prompt Engineering for Blog
- **Day 74:** Create Markdown View
- **Day 75:** Preview + Export Options
- **Day 76:** Fix Edge Cases
- **Day 77:** Mobile Polish
- **Day 78:** Demo Video + Tweet Thread
- **Project:** AutoBlog AI — AI Blog Writer

Week 12: Offline First

- **Day 79:** IndexedDB Intro + Note Schema
- **Day 80:** PWA Config + Service Worker
- **Day 81:** Save/Sync Notes
- **Day 82:** Mobile Design Pass
- **Day 83:** Dark Mode Switch
- **Day 84:** Testing w/ Playwright
- **Day 85:** Polish + Docs
- **Project:** NoteSync — Offline Notes PWA

Week 13: UI Refactor Week

- **Day 86:** Extract ShadCN Components
- **Day 87:** Apply Utility Classes Audit
- **Day 88:** Responsive Audit Fix

- **Day 89:** Add Fallbacks + Skeletons

- **Day 90:** Component Snapshot Testing

- **Day 91:** Prepare for Backend Phase

- **Day 92:** Dev Diary + Demo Reels

- **Mini Projects:** Component System Refactor + e2e Testing

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🤖 PHASE 4: BACKEND + AI SYSTEMS (WEEKS 14–17)
Goal: Build scalable full-stack apps with intelligent APIs and data systems

Week 14: DB + Auth

- **Day 93:** REST vs tRPC + API Strategy

- **Day 94:** Prisma Setup + Postgres Schema

- **Day 95:** Clerk Auth Integration

- **Day 96:** Protect Procedures (middleware)

- **Day 97:** CRUD Flow in tRPC

- **Day 98:** Rate Limiting + Caching (Redis)

- **Day 99:** Dev Review + Test Coverage

- **Project:** DocuChat AI — Chat with Your Docs via RAG

Week 15: Streaming Chat UX

- **Day 100:** Setup GPT Streaming API

- **Day 101:** UI State for Token Display

- **Day 102:** Add Copy/Paste/Export UX

- **Day 103:** Session History via DB

- **Day 104:** Error Boundaries

- **Day 105:** Clerk User Settings

- **Day 106:** Ship & Deploy

- **Project:** ChatGPT Workstation — Streaming ChatGPT Clone

Week 16: SaaS Toolkit

- **Day 107:** Stripe Integration

- **Day 108:** Pricing Page + Checkout Flow

- **Day 109:** Protect Routes + Usage Tracking

- **Day 110:** Dashboard Design

- **Day 111:** Webhook Setup + Billing Logs

- **Day 112:** Usage UI + Billing History

- **Day 113:** Polish + PR

- **Project:** SaaSKit — Subscription-Ready SaaS Template

Week 17: Product Analytics + Launch

- **Day 114:** PostHog Setup

- **Day 115:** Track Feature Usage

- **Day 116:** AI Token Usage Analytics

- **Day 117:** Dashboard Filters & Views

- **Day 118:** Export Logs + CSV

- **Day 119:** Final Report + Docs

- **Day 120:** Push Live, Record Demo

- **Project:** Tracklytics — Usage Analytics System

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📚 DAILY / WEEKLY RITUAL SYSTEM
✅ Daily:

- 2h Core Project Dev

- 1h DSA or System Design

- 30min Read Docs / Blogs

- 1 Conventional Git Commit

✅ Weekly:

- 🧠 Sunday: Architecture & Dev Diary Reflection

- 🧹 Saturday: Code Review & Cleanup

✅ Monthly:

- Week 1: Demo Project on Twitter (BuildInPublic)

- Week 4: Mock Interview or Project Review

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✅ Block 2 — Freelance Dev Simulation (12 Weeks)

Goal: Start earning through real client work, open source contributions, and service-based tools

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🏁 Phase 1 — Freelance Foundations (Week 1–2)

- 🌱 Day 1–2: Learn freelancing marketplaces (Upwork, Fiverr, Toptal)
- 🧠 Day 3–4: Study client psychology, writing irresistible gig offers
- 🛠️ Day 5–6: Setup Portfolio (GitHub + Dev.to + Notion + Linktree)
- ✅ Day 7: Finalize Gig Offers: 3 Specific Use-Cases
    - SEO Dashboard
    - Website to PWA
    - AI Blog Generator

📦 Project: FreelanceOS — Freelance Business Toolkit

- Stack: Next.js + Tailwind + Notion Embed

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🏁 Phase 2 — Client Simulation Builds (Week 3–6)

Each week simulates a real freelance job.

📅 Week 3: LocalBiz Booster (SEO website for local biz)

📅 Week 4: App Landing Page (Animated pre-launch page)

📅 Week 5: CRM Lite (Basic lead manager for solo clients)

📅 Week 6: Stripe Integration (Custom checkout flow)

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🏁 Phase 3 — Growth Systems (Week 7–12)

📅 Week 7–8:

- Find 5 real problems (Reddit/FB/Upwork)
- Publish 3 client-focused blog posts
- Launch mini content thread on X
- Open Source: 1 repo/week

📅 Week 9–10:

- 20 cold outreach emails
- Create a demo video for each project
- Launch portfolio

📅 Week 11–12:

- Start a freelance tips newsletter
- Test gig descriptions (A/B)
- Analyze response → optimize

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✅ Block 3 — AI SaaS Builder Track (16 Weeks)

Goal: Launch real AI-first SaaS product with billing, auth, telemetry

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🏁 Phase 1 — Foundation & AI Knowledge (Week 1–2)

- 🤖 Learn APIs: OpenAI, Anthropic, Groq
- 📁 Embeddings, Pinecone, LangChain, RAG basics
- 📐 Write 3 pain-focused SaaS ideas

📦 Project: Prompt Lab — AI Prompt Playground Tool

- Stack: Next.js + OpenAI + Supabase

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🏁 Phase 2 — Product Build Sprints (Week 3–10)

Every 2 weeks = full AI MVP

📅 Week 3–4: LegalDoc AI — Chat with contracts

- File upload, chunking, embeddings
- Stack: Next.js + tRPC + Pinecone + Clerk + UploadThing

📅 Week 5–6: ResumeRanker — Resume scoring tool

- Input: resume + JD → Output: match %, red flags, rewrites
- Stack: OpenAI + Prisma + Tailwind + PDF-lib

📅 Week 7–8: GhostWriterX — Ad copy generator

- AI tuned for AIDA, PAS frameworks, long-form marketing
- Stack: OpenAI + Stripe + Markdown

📅 Week 9–10: SaaSKit — SaaS starter kit with billing infra

- Stripe + Auth + Usage Limits + Team Management
- Stack: Clerk + Resend + Supabase + Stripe

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🏁 Phase 3 — Launch Pipeline (Week 11–16)

📅 Week 11:

- Add legal pages, token limits, session history

  📅 Week 12:

- Polish UX, walkthrough demo, landing page

  📅 Week 13:

- Launch on Product Hunt, IndieHackers

  📅 Week 14–16:

- Bug fixes, feedback loops, testimonials, V2 planning

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✅ Block 4 — DEVOPS, SYSTEMS, TESTING, AND OPTIMIZATION (8 Weeks)

- Real-World Infrastructure and Scaling Simulation

Goal: Master product-level DevOps, monitoring, and system resilience

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🏁 Phase 1 — Infrastructure Foundations (Week 1–2)

- 🔧 Learn CI/CD tools: GitHub Actions, TurboRepo, Nx
- ☁️ Setup Deploy Pipelines: Vercel, Railway, Render
- 🐳 Docker Basics + Docker Compose (for DB, Redis, etc)

📦 Project: DevDeployKit — GitHub Actions CI/CD Template

- Stack: GitHub Actions + Docker + TurboRepo

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🏁 Phase 2 — Monitoring & Testing (Week 3–4)

- 🔍 Playwright for e2e testing
- 🛑 Unit/Integration testing with Vitest + Mock Service Worker
- 📊 Telemetry with PostHog, LogSnag, Sentry

📦 Project: TestAuditX — Project Testing & Monitoring Dashboard

- Stack: Vitest + MSW + PostHog + Sentry

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🏁 Phase 3 — System Design + Real Infra Simulation (Week 5–8)

- 🧠 Design small system diagrams (load balancers, failover)
- ⚡ Learn about queue systems (BullMQ), rate limiters, caching
- 🧪 Project Load Testing (k6.io, Artillery)

📦 Project: ScaleProof — Infrastructure Blueprint for Product Apps

- Stack: Redis + Queue System + Monitoring + Docs

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