

NeuroForge: Hackathon Ideation

1. Problem Statement

Modern creators, developers, and learners struggle with overwhelm from multitasking, ineffective routines, lack of deep focus, and no unified system combining neuroscience, AI, and productivity.

2. Solution Overview

NeuroForge is an AI-powered productivity SaaS combining time orchestration, neuroplasticity-based learning, AI copilots, and performance tracking into a single adaptive system for creators and high performers.

3. Key Features

- Adaptive Time Control System
- Neuroplasticity Planner
- AI Productivity Agent
- Cognitive Feedback Dashboard
- Plugin Ecosystem (GitHub/Notion/Trello integration)

4. Tech Stack

- Frontend: React.js, TailwindCSS
- Backend: Node.js, Supabase/PostgreSQL
- AI Layer: OpenAI API, LangChain
- Tracking: Event-based logging
- Deployment: Vercel + GitHub + CI/CD

5. Innovation

Combines AI, neuroscience, and productivity theory into an adaptive system. Tailored for neurodiverse thinkers, developers, creators, and researchers.

6. Target Users

- Solo founders

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- Indie hackers
- Students
- Content creators
- Productivity enthusiasts

7. Potential Impact

- Boosts flow states and deep work
- Rewires habits via identity-based techniques
- Saves 5-10 hours/week per user

8. Team Roles

- Product Designer: UI/UX for planner and dashboard
- Frontend Dev: React + API integration
- Backend Dev: Supabase + Auth
- AI Engineer: GPT-4 Agent + logic
- Team Lead: Planning, dev sync, pitching

9. Roadmap (Hackathon Scope)

- Day 1-2: Ideation, wireframes, DB schema
- Day 3-4: MVP features, planner, dashboard
- Day 5-6: Integration, polish, testing
- Day 7: Final demo and submission