TITLE: AsyncChamp – Async-First Productivity Suite

LIVE DEMO: https://async-champ.vercel.app
TECH STACK: Next.js 14, TypeScript, Prisma, PostgreSQL, Tailwind CSS, Vercel

THE PROBLEM

Remote teams suffer from “meeting overload” and timezone confusion. Existing tools either force real-time sync or lack deep focus features.

THE SOLUTION

Built an async-first productivity suite with three core modules:
• Async Standups – Replace daily meetings with written updates stored in a database
• Deep Work Timer – Customizable Pomodoro timer with distraction-blocking UI
• Timezone Converter – Visual team overlap calculator and meeting scheduler

TECHNICAL HIGHLIGHTS

• Next.js 14 + TypeScript for full-stack type safety
• Prisma + PostgreSQL for persistent standup history
• Tailwind + shadcn/ui for consistent, accessible components
• Server-Sent Events (optional) for real-time updates

STANDOUT FEATURES

• Focus Mode – full-screen overlay that hides all UI except timer and current task
• Goal tracking – users set session goals; completion is logged
• Local-first architecture – works offline, syncs when back online

RESULTS & IMPACT

• Demonstrates deep understanding of remote work pain points
• Shipped a working, deployed product in under 4 weeks
• Received positive feedback from early users in dev communities

LESSONS LEARNED

• Building reusable component libraries speeds up feature addition
• Timezone logic is complex – date-fns-tz saved days of bug hunting
• Async doesn’t mean zero communication – good error messages and documentation are critical