

Big Bwain LLC

End-to-end software and product design.

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We turn ideas into useful products - from strategy and software engineering through prototyping, testing, release, and iteration.

Led by a Senior Full Stack Engineer with more than ten years of shipping mobile, web, cloud, and now AI software.

SERVICES

Software: From product idea to production

Product strategy, experience design, architecture, implementation, testing, deployment, and the operating work that keeps software useful after launch.

Product strategy -> UX + architecture -> Build + integrate -> Test + release

Physical products: Prototype, test, and make it tangible

3D design, printing, and IoT prototyping turn an idea into something that can be held, evaluated, refined, and prepared for repeatable production.

CAD + modeling -> Prototype -> Field test -> Prepare output

Delivery: One accountable path end to end

The product, software, release process, support surface, and next iteration are designed as one system instead of disconnected handoffs.

Release -> Observe -> Support -> Improve

HOW AN ENGAGEMENT WORKS

Ways to start

- New app or web build: A mobile app, web app, game, or service platform, designed and built from the first sketch to release.
- Take over an existing app: Pick up software that is already running: modernize it, maintain it, and keep it improving.
- CAD, prototypes, and small production runs: CAD modeling and 3D printing to turn an idea into a part you can hold, test, refine, and make again in small batches.
- IoT and hardware prototypes: Connected-device and hardware prototypes, with the software that runs on them and talks to them.

How it runs

Frame -> Design -> Build -> Test -> Ship -> Improve

SELECTED PRODUCTS

3DCDesign

iOS - Android - Live

Print-shop organizer for makers - printer profiles, jobs, materials, estimates, and reports, kept local rather than in a cloud service.

Your Whey Fitness

iOS - Android - Live

Offline-first workout tracker - sessions, history, stats, and local backup, rebuilt on MAUI and shipped to iOS and Android, with a web workspace for trainers and gyms: Teams, Locations, classes, and waivers.

Adventure Cache

iOS - Android - Live

Geocaching and exploration companion - create adventures, hide caches, log finds, and earn badges.

Keydial Commander

Open source - Live

Turns the Huion Keydial Mini (K20) into a Stream-Deck-style macro pad on Linux - remap all 18 keys and the dial to shortcuts, chords, macros, app launches, and profile switches.

3D Design & Physical Products

Physical products - Live

Digital designs and physical prints for model railroading, functional tools, geocache containers, device mounts, and maker accessories. Selected designs have sold both as downloadable files and as finished physical prints.