

# Jake Dwyer

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Available July - December 2025

## Education

**Northeastern University**, Boston, MA

*Candidate for a B.S. in Computer Science, Concentration in Software*

*Minor in Business Administration*

May 2026

GPA: 3.57 / 4.0

**Relevant Coursework:** Web Development, Programming Languages, Mathematics of Data Models.

## Skills

**Languages:** Python, Java, TypeScript / JavaScript, HTML, CSS, Kotlin

**Frameworks & Tools:** Vue.js, React, Tailwind, Docker, Vercel, Figma, Git, Confluence, Jira

**Databases & Platforms:** PostgreSQL, Firebase, MySQL, Redis Queue, Linux, Windows

## Experience

**NUgig** | Northeastern University, Boston, MA

July 2024 - Present

*Product Engineer*

- Developed responsive, high-performance user interfaces using Vue.js, Element Plus, and Vuex, significantly improving platform accessibility, interactivity, and performance.
- Integrated AI-driven algorithms enhancing talent-employer matching accuracy, reducing time-to-hire, and increasing employer engagement through adaptive job postings.
- Redesigned the platform's UI/UX, established a unified design system, and optimized cross-platform compatibility, resulting in measurable improvements in user retention and satisfaction.

**Jikan Studios** | Boston, MA

March 2022 - May 2024

*Co-Founder*

- Co-founded and scaled blockchain startup generating \$2M revenue, processing 50K+ secure transactions, and ranking among the top 25 NFT projects on Solana.
- Led a 9-member Agile team of blockchain engineers and designers, enabling rapid product innovation and timely delivery.
- Managed product lifecycle, budgets, and strategy, adapting quickly to market shifts and user needs in the blockchain industry.

**Elysium Arts** | Remote

December 2023 - July 2024

*Product Designer / Director*

- Directed creative strategy for a digital art studio, leading 18 artists/designers, and generating \$100K+ revenue.
- Streamlined project management, timelines, and client engagements, increasing efficiency and doubling project revenues (2x pricing increase).
- Fostered team growth and skill development, guiding creatives to produce high-quality, market-responsive digital art.

## Selected Projects

**Task Management App** | Vue.js, Vuex, Vite, JavaScript - Deployed via Vercel

June 2024

- Developed full-stack tasking features (create, edit, delete) with dynamic UI updates using Vuex state management.
- Enhanced UX by implementing customizable light/dark mode for improved accessibility and user preference.

**Reversi Game with AI** | Java (*JSwing*)

November 2023

- Developed interactive, responsive gameplay featuring an advanced axial coordinate system and strategic AI algorithms, allowing multiple difficulty settings.
- Implemented advanced AI strategies and user-friendly interface, creating a challenging and enjoyable user experience.

**Solana CLI Payment Processor** | Node.js, Python, Solana/Web3

October 2023

- Created an automated mass-payment tool on the Solana blockchain using Node.js and Python, streamlining financial operations through CSV integrations.
- Ensured secure transaction processing, improving efficiency and accuracy.

## Interests

Design, Basketball, Fitness, Game Theory, Economics, Hanging out with my dog - Bo :)