

JAKE DWYER

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EDUCATION

Northeastern University, Boston MA
Khoury College of Computer Sciences

Candidate for Bachelor of Science in Computer Science
Minor in Business Administration

September 2022 - May 2026 (Expected)
GPA: 3.57/4.0

SKILLS

Languages: Python, Java, JavaScript, HTML, CSS, Kotlin, MySQL

Frameworks & Tools: Vue.js, PostgreSQL, Amplify, Vercel, Firebase, Redis, Docker, Windows, MacOS, Linux

Design: Figma, Adobe Suite (Photoshop, Premiere, After Effects, Illustrator)

EXPERIENCE

nugig, Northeastern University, Boston, MA

July 2024 - Present

Product Engineer

- Led the development of dynamic, responsive user interfaces using Vue.js and Element Plus, enhancing user experience through smooth navigation, interactive dashboards, and clean design principles.
- Integrated AI-powered features for dynamic problem-solving and flexible job postings, enhancing employer-talent matching algorithms with real-time interaction on the front-end.
- Implemented complex state management with Vuex to ensure seamless draft-saving, autosave functionality, and consistent user data across multiple sessions.
- Overhauled the entire UI and redefined the brand's identity, to create a cohesive, modern, and user-centered design system that significantly enhanced user engagement and brand consistency across all components.

Jikan Studios, Boston, MA

March 2022 - May 2024

Founder / CEO

- Led the development and successful launch of digital collectables on the Solana blockchain, achieving \$2M in revenue and \$18M+ in trading volume over 2 years.
- Managed and collaborated with a diverse team of up to 20 members, including blockchain developers, web designers, and marketing professionals, fostering a culture of fast paced innovation.
- Spearheaded the technical development, focusing on blockchain integration, smart contract development, and ensuring high transactional security and efficiency to over 50K transactions.
- Utilized agile software for project management, ensuring timely delivery of products, managing sprints, and adapting quickly to changes in the blockchain landscape.
- Designed and implemented dozens of user friendly websites, products and experiences, emphasizing intuitive UI/UX using Figma, which significantly contributed to user engagement and sales.

Elysium Arts, Remote

Dec. 2023 - July 2024

Product Designer / Director

- Pioneered the creative and strategic direction of an art studio with a focus on digital art, generating over \$100,000 in revenue.
- Led and mentored a team of 18 artists and designers, fostering a culture of cohesive creativity and innovation.
- Strategically manage project timelines and budgets, successfully implementing a pricing model that charges clients 2x the production costs, achieving a 100% revenue margin on each contract.
- Cultivated and maintained client relationships, realizing their artistic visions alongside software-oriented goals.

PROJECTS

Rate Your Room | Python, HTML, CSS, SQL, Firebase

Jan. 2024

- Developed a rating and review system for university housing, enabling 100 students to review their dorm..
- Implemented responsive front-end interfaces using HTML, CSS, and modern web design principles.
- Collaborated, designed and developed with a team of 5 peers.

Reversi / Othello | Java (*JSwing*)

Nov. 2023

- Adapted traditional Reversi rules to a hexagonal board for additional strategic possibilities..
- Enhanced user experience by developing configurable game modes and versatile AI strategies.
- Implemented a sophisticated axial coordinate system for gameplay quality.

Solana CLI Payment Processor | JavaScript, Python

Oct. 2023

- Developed a Solana Payment Sender Script using Node.js and Python, enabling the automated sending of Solana to multiple wallet addresses via a CSV file, leveraging the Solana JavaScript library (*@solana/web3.js*).
- Implemented Solana wallet integration with base64 secret key converter with Python.
- Ensured that all transactions would be stored, and organized in a CSV file for easy record keeping.