

Ivan The

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[GitHub](#) | <https://ivanthe.com>

TECHNICAL SKILLS

- **Frontend:** Javascript, TypeScript, CSS, Sass, React, Next.js, Tailwind, Framer Motion
- **Backend:** Python, GraphQL, Node.js, Redis, MySQL, AWS
- **Tools:** Git, Figma, Jira, VSCode

WORK EXPERIENCE

Software Engineer

June 2023 – Present

Weven at The Knot Worldwide

Boston, MA

- Built a React and TypeScript based self-service interface using Apollo GraphQL and SCSS, enabling Customer Success to toggle tiered features without SQL and boosting team efficiency by 30%.
- Architected a full-stack lead filtering system with reusable React components, GraphQL schema, and dynamic SQL queries, reducing search time by 40% and enabling filtering by venue, source, event year, and more.
- Created an onboarding flow using React Router and embedded Google Calendar iframes, increasing first-week engagement across 100+ users and reducing meeting scheduling friction.
- Refactored legacy React components with modular Sass stylesheets, adhering to design specs and introducing reusable UI elements that reduced technical debt by 20%.
- Used Apollo GraphQL to implement feature toggles and enhance data efficiency, cutting response latency by 25%.
- Coordinated sprint planning and backlog grooming with design and product teams using JIRA, ensuring cross-functional alignment on UI/UX and delivery timelines.

Software Engineer and UI/UX Designer

May 2021 – July 2023

Basil

Boston, MA

- Designed 30+ Figma wireframes with end-to-end user flows, improving site structure and reducing handoff errors between design and engineering.
- Led and mentored a team of 4 to build reusable TypeScript React components with SCSS modules, reducing redundant code by 30% and enhancing front-end scalability.
- Converted 10+ Figma designs into interactive React pages with CSS animations and dynamic routing using React Router.
- Built a private chef reservation system using third-party calendar libraries and real-time availability checks, enabling seamless end-user bookings and reducing scheduling errors.
- Integrated Firebase Auth and Firestore for secure user authentication and persistent event storage, improving data integrity and login experience across user sessions.

Software Engineer Intern

January 2021 – August 2021

Kencan

Jakarta, Indonesia

- Collaborated remotely with a 4-person team to design and build core features for a React Native dating app, contributing to frontend UI and basic backend logic.
- Gained proficiency in React Native, JavaScript, and Git, and contributed production-ready UI components to a live app within the first month of onboarding.

EDUCATION

Boston University

August 2020 - May 2023

B.A in Computer Science

Boston, MA

- Relevant Coursework: Data Structures, Geometric Algorithms, Probability in Computer Science, Software Engineering, Concepts of Programming Languages, Intro to Cybersecurity, Network Security, Full-Stack Development, Intro to Databases, Intro to AI and Machine Learning

TECHNICAL EXPERIENCE AND PROJECTS

Blackjack Q-Learner (Python)

April 2023

- Developed a Q-learning agent in Python that learns optimal Blackjack strategies through reinforcement learning, improving win rate over thousands of training episodes.
- Built a Tkinter-based Blackjack simulator with a live recommendation interface, where players receive real-time move suggestions from the Q-learning agent.

Online Journal (Javascript, Java)

April 2022

- Created a full-stack journaling app with vanilla JavaScript frontend and Java backend, supporting user registration, mood tracking, and secure entry storage.
- Designed and implemented a mood tracking module with visual sentiment tagging, allowing users to associate emotions with entries and view trends over time.