

Joshua Kaplan

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SKILLS

TypeScript, JavaScript, HTML, CSS, SQL, React.js, Git, Redux, Python, MySQL, Next.js, React-Native

WORK EXPERIENCE

Syndata

Mar 2025 - Present

Developer

- Built and styled core frontend features including the Accounts page, Settings modal, and Sidebar using React, Ant Design, CSS, and Tailwind
- Designed and implemented a scalable Redux schema to manage hierarchical settings data across the application
- Collaborated with a small team using Jira and Slack in an Agile environment to iterate quickly on UI/UX feedback and meet sprint goals

University of Connecticut

Aug 2024 - Dec 2024

Teaching Assistant

Storrs, CT

- Collaborated with faculty and fellow TAs to refine curriculum and ensure student success
- Supported 100+ students in mastering C++ and object-oriented programming through personalized instruction and debugging help
- Held weekly office hours, created learning resources, and guided students through coding assignments.

iD Tech Camps

Jun 2023 - Aug 2023

Counselor, Teacher

Middletown, CT

- Effectively communicated and organized camp procedures to ensure safety of over 40 campers
- Provided 1-on-1 debugging support and led hands-on coding sessions that increased student engagement
- Taught Java and object-oriented programming using Minecraft Forge mods to middle and high school students

PROJECTS

Husky Trails

Lead Developer

- Built a mobile navigation app for UConn students using React Native, Expo, and MapLibre GL
- Designed interactive map screens, a draggable menu, a search bar with fuzzy search, and other components using React-Native-Paper and CSS
- Collaborated with a multi-person team and delivered an MVP with route-tracking and location tagging features

Recipe Creator Website

- Built a full-stack recipe management app using the MERN stack (MongoDB Atlas, Express, React, and Node.js) with TypeScript for type safety and maintainability
- Implemented user authentication and authorization with Auth0, enabling secure login, signup, and protected routes
- Used react-hook-form to manage and validate dynamic user inputs for recipe creation and editing, improving form usability and performance
- Developed a RESTful backend in Node.js to handle user data, and recipe storage with MongoDB Atlas

CLI App Launcher

- Developed a CLI tool that launches and stores executables/shortcuts by custom keyword
- Used Clap and Serde-JSON to parse CLI arguments and manage config files

Course Registration Website

- Created a responsive frontend in Vue.js (Composition API) for simulating a course registration portal
- Managed development with GitHub Flow, using PRs and feature branches for team collaboration

EDUCATION

University of Connecticut

May 2021 - May 2025

Bachelor of Science in Engineering, Computer Science and Engineering, Mathematics Minor