

Paul Neenan - Software Engineer

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- Fullstack Developer & Typescript enjoyer with 2.7 years experience in MarTech & interactive web dev

EXPERIENCE

, Icarus Drone Services - Paid Project - Feb 2024 - Apr 2024:

- Developed marketplace prototype to connect drone pilots with clients.
- Architected platform using TypeScript, Next.js, Next Auth, Supabase (PostgreSQL), Zustand, Tailwind, tRPC, DrizzleORM, and Vercel for CI / CD.
- Engineered comprehensive bookings system. Integrated Stripe Connect to allow users to pay a subscription to become vendors. Users pay a deposit on booking, then final payment on delivery.
- Crafted relational schema in PostgreSQL to support complex booking scenarios and exposed to users with React-Calendar.
- Designed & implemented real-time chat system leveraging Supabase Realtime & Drizzle ORM to facilitate user-interaction - conversation ID is [participant_one_id, participant_two_id].sort().join() to reduce fetch complexity.
- Developed UI with NextJS, TailwindCSS, ShadCN UI Library.
- tRPC setup defaults to "getInitialProps", initial data is server-side rendered then additional interactivity is client-side rendered.

Integrations Software Engineer, Wunderkind — Aug 2021 - Dec 2023

- Implemented stateful user interfaces with Javascript and CSS to manage interactivity, style, and connect proprietary email capture creatives on extremely high traffic retail sites like Avis/Budget, Uniqlo, Casper, Gucci, and Ralph Lauren.
- Built Chrome extension to automate campaign organization, automating extensive busy work and boosting JIRA ticket processing efficiency.
- Rebuilt standardized carousel components | controls for WCAG 2.0 compliance.
- Revamped deployment control script templates from legacy JS to modern ES6, enhancing efficiency and sunseting support for Internet Explorer.
- Integrated Ad placements with custom JS / CSS / proprietary CMS configuration.
- Maintained and updated Confluence pages for streamlined documentation of workflows and coding practices, enhancing team efficiency and collaboration.
- Founder of Wunderpawns Chess Club 

LANGUAGES:

- JavaScript | Typescript
- HTML | CSS
- Python

FRONTEND:

- React | Next.js
- Redux | Zustand
- Tailwind

BACKEND:

- API Development:
REST | RPC | GraphQL
- PostgreSQL
- Object Relational Mappers:
Drizzle | Prisma

ADDITIONAL SKILLS:

- Version Control:
Git | Github | Gitlab
- Subscription Architecture:
Websockets | socket.io
- Chrome Extension Dev
- AI & Natural Language Processing:
Langchain | OpenAI API
[Udemy Certificate](https://www.udemy.com/certificate/UC-000000000/)
- [Data Structures & Algos](#)

EDUCATION

- Fullstack Academy 2021
- Brooklyn College MFA
- Alfred University BFA