EDMOND HUI

(516) 388-0689   edmond.t.hui@gmail.com   New Hyde Park, NY   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

Languages & Frameworks: TypeScript, JavaScript, Ruby, Ruby on Rails, HTML, CSS, Python, PHP
Frontend: React, Redux, Next.js, Vite, d3.js, jQuery, Tailwind
Backend: Node.js, Express.js, Mongoose, MongoDB, PostgreSQL, SQL, SQLite3
Tools & Technologies: Git, AWS, Docker, Google Cloud Platform, WebSockets, Heroku, Storybook, Webpack, WordPress, Figma
Development Practices: Functional Programming, Agile Methodologies, Test-Driven Development (TDD), RESTful API design, OOP

EXPERIENCE

Software Engineer II
ExecOnline   Sep 2023 - present
- Spearheaded the transition to a SaaS (Software as a Service) business model by developing a licensing model with analytics and management tools, enabling data-driven decision-making for clients.
- Collaborated with engineers to refactor legacy code, optimizing system performance and establishing a scalable infrastructure for SaaS solutions.
- Proactively triaged and resolved thousands of alerts and bugs during intensive maintenance shifts, ensuring uninterrupted functionality of critical systems.

Software Engineer I
ExecOnline   May 2022 - Sep 2023
- Full-stack developer specializing in Ruby on Rails, TypeScript, and React, leveraging functional programming to deliver impactful solutions.
- Integrated third-party services (Stripe, Docebo) to enhance payment processing and learning management, resulting in increased customer satisfaction and revenue.
- Maintained and promoted CooperTS, a suite of TypeScript tools inspired by Elm's functional programming paradigm, enforcing coding standards and improving code quality.

Software Engineer
Couple   Jan 2021 - May 2022
- Developed tools for analyzing and formatting dating data from events, facilitating discussions and idea generation in retrospectives.
- Collaborated with management to design and launch a minimum viable product, ensuring alignment with timelines and feature sets.
- Launched Couple.tv, an interactive speed dating platform that boosted website signups by over 100%, utilizing the LAMP stack.

PROJECTS

Filler AI   (JavaScript, React, CSS, HTML, OpenAI, Firebase, Cloud Functions)   demo
SaaS AI blog writing platform that helps users generate SEO friendly articles for their website
- Developed an AI-powered blog writing platform that generates SEO-friendly articles based on user-submitted keywords.
- Implemented a scalable cloud architecture using Firebase for hosting and Firestore for data management.

Coding Motivation (Javascript, React, TypeScript, TRPC, Node.js, S3, AWS, Prisma)   demo
Community blog to keep users motivated to code
- Created a community blog to motivate users to code, ensuring type safety across frontend and backend with TRPC.
- Utilized Amazon S3 presigned URLs for secure file uploads and downloads in a controlled environment.

EDUCATION

Web Development - App Academy   Aug 2020 – Jan 2021
Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.
BBA Finance - CUNY Baruch Zicklin School of Business   Sep 2015 – May 2018