Persephone Beatrice Hua (pb)

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8 years of experience building and problem-solving across a wide range of domains.

Skills

Full-Stack—Python, FastAPI, SQLAlchemy, Next.js, Node, GraphQL, OAuth, Playwright, CI/CD

Front-End—Design, TypeScript/JavaScript, React, React Query, Storybook, Vitest, Tailwind CSS

Experience

Coverbase

Senior Full-Stack Engineer	Feb 2025 — Present
Contract Front-End Engineer	Sep 2024 — Dec 2024

Rapidly designed and led the development of impactful initiatives to enhance the user experience of end-to-end third-party vendor risk assessment platform through rapid product growth (**+200% usage/6 months**)

- Created intuitive document analysis workflows, clear alerts to highlight document analysis, and easily navigable components for an LLM-guided vendor onboarding assistant
- Designed a modular, performant reporting solution, implementing fast database query backend, and PDF exports balancing high information density with visual clarity

Vercel

Senior Front-End Engineer	Apr 2022 — Apr 2023

Scoped and built out high-complexity features in dashboard and comments products, with an emphasis on accessibility as well as ease of use across desktop and mobile web.

- Integrated a first-in-kind project management integration in **2 months** by scoping, designing, and tight feedback loops with designers and product managers
- Collaborated with designers and product managers to create a dynamic autocomplete/file picker component supporting keyboard, mobile, and mouse input

Compass Real Estate

Senior Front-End Engineer	Mar 2021 — Mar 2022
Front-End Engineer	Jan 2020 — Mar 2021

Led the design and implementation of an authoring app for real estate listings, collaborating with product and design systems teams. Onboarded and mentored junior engineers.

- Received innovation award for engineering division hackathon project by identifying and significantly reducing friction in completing common tasks (**~30 seconds to ~3 seconds—9x faster**)
- Delivered a front-end technical refresh to increase engineering velocity through a migration plan to reduce technical debt
- Increased reliability of end-to-end tests, eliminating test flakiness

Microsoft

SDK and Full-Stack Engineer	Jul 2016 — Dec 2019

- Prototyped, designed, and engineered two web apps in six months to explore a new product direction in information protection
- Co-mentored a team of three interns to design and implement an SDK for data classification

Education

University of Toronto

B.A.Sc in Engineering Science, Electrical and Computer Engineering	Sep 2011 — Jun 2016