Eunice Yang – Frontend Software Engineer

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SUMMARY

Dynamic software engineer with 7 years' experience in tech, specializing in front-end development and UX to deliver engaging consumer web applications. A proactive problem-solver driven by innovation and collaboration, with excellent communication skills.

SKILLS

React | TypeScript | Python | Node.js | Next.js | Express | Django | SQL | PostgreSQL | MongoDB | Webpack | Babel | Cypress | Jest | AJAX | Bootstrap | JavaScript | HTML5 | CSS3 | RESTful APIs | AWS | Docker | NPM | JWT | Git | Jira

PROFESSIONAL EXPERIENCE

Freelance Software Engineer, Various Clients   Nov 2023 – Present
- Leading the front-end development of a CMS that optimizes admin processes, content access, and invoicing.
- Coding intuitive user interfaces using **TypeScript, React, Redux**, and **Material-UI** within the **Next.js** framework.
- Successfully integrating frontend with a **PostgreSQL** database and **Next-Auth** to ensure seamless functionality.
- Collaborating with a product team committed to **Agile** methodologies, code reviews, and **GIT** source version control.

Full Stack Software Engineering Apprentice, General Assembly   Mar 2023 – Jun 2023
- Completed 400+ hours of web development and CS fundamentals training that led to 3 full-stack apps with **Node/Express** or **Django** frameworks, **SQL** (**PostgreSQL**) or **NoSQL** (**MongoDB**) backend architectures, **REST** services, and **API** integrations.
- Developed responsive, intuitive, and interactive UIs using object-oriented programming (**Python**, **ES6+ JavaScript**).
- Fostered collaboration among engineers to write clean, maintainable, and scalable code adhering to industry best practices.

Senior Web Analyst, PROS Inc.   Jan 2022 – Feb 2023
- Designed and shipped usage analytics into 10 large-scale B2B enterprise applications for 206 customers.
- Built reusable **React** components for a **single page application (**SPA) with **unit and integration testing** using **JEST**.
- Leveraged **JavaScript** and **CSS** to capture 90+ KPIs and generated 10 internal and productized reports.
- Implemented technical proof of concepts using **Cypress component testing** for automated tests of custom analytics tags.

Senior UX Researcher, PROS Inc.   Mar 2016 – Dec 2021
- Led 43 research studies with 1200+ participants to deliver a best-in-class user experience for 7 cloud products.
- Usability tested 30+ UI/UX designs (**Figma, Invision**) that led to G2's top rank of our SaaS solutions with 91% satisfaction.
- Showcased user-feedback and user data to redesign a legacy application that yielded a 78% customer adoption rate.
- Drove product improvements with cross-functional teams, resulting in a 23% increase in user satisfaction scores.

TOP PROJECTS

- **Health Pal**, an AI medical chat assistant app that won best in web development in the 2023 WWCode Hackathon
  Built with React.js, Express.js, NodeJS, **MongoDB, OpenAI API, JWT**, Netlify, JavaScript, HTML, & CSS.   GitHub | Site
- **NewsLingo**, a language learning SPA app leveraging 2 WebAPIs for translation and definition and RESTful routing.
  Built with **React.js, Express.js, NodeJS**, MongoDB, JWT, Vite, JavaScript, HTML, and CSS   GitHub | Site
- **Park Hopper**, a national park resource web app with CRUD capabilities and relational database management.
  Built with **Python, Django, PostgreSQL, AWS S3**, **Docker,** JWT, Supabase, HTML, and CSS.   GitHub | Site

EDUCATION

- Software Engineering Immersive Certification, General Assembly
- Ph.D. in Cognitive Science, Vanderbilt University
- B.A. in Psychology, Boston University

RECOGNITIONS

- 2023 Women Who Code (WWCode) Hackathon – Awarded best in web development for Health Pal application.
- 2020 PROS President's Club Award; 2019 PROS Outperform Award (top 5% of employees)