

Sunny Yuen

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SUMMARY

Frontend developer with over 5 years of experience building scalable and highly responsive web applications with cross-functional agile teams.

SKILLS

Python, JavaScript, React.js, Vue.js, Typescript, HTML, CSS, Sass, Scss, Jest, Playwright, NPM, Git, PostgreSQL, REST API, GraphQL, 508 & WCAG Compliance

PERSONAL PROJECTS

AI personal assistant: <https://github.com/yuens1002/personal-assistant>

SMS AI Chatbot: <https://github.com/yuens1002/chatgpt-sms-python>

Implemented user profile ingestion with Pandas as the knowledge base, integrated Spacy's NLP and ChatGPT LLM using prompt engineering to generate structured data for interaction with the Google Calendar API. Enabled web search and math functionalities through Langchain integration.

EMPLOYMENT

Jan 2023 - Aug 2023 | Wipro, Inc | Frontend Developer

- **Rapid application Development:** Spearheaded the development of a custom web application for LAX airport, significantly enhancing organizational engagement through a dynamic reporting system and streamlined personnel directory.
- **Technology & Integration:** Utilized cutting-edge technologies including ReactJS, TypeScript, and the Material-UI (MUI) component library to create an intuitive and responsive user interface based on Figma design specifications. Integrated Microsoft Active Directory to develop a searchable personnel directory, facilitating efficient communication and collaboration among airport staff.
- **Production:** Successfully launched the beta and version 1 of the application, providing authenticated users with secure access to a comprehensive reporting system via RESTful API endpoints.

Apr 2022 - Dec 2022 | DesignIt, Inc | Software Developer

- **Refactored Codebase:** Enhanced the Coherence Design System by refactoring to adapt typesafe functional components, improving maintainability and performance.
- **Collaboration on Accessibility:** Worked with teams to address and resolve accessibility issues, ensuring compliance with standards.
- **Security Leadership:** Led the resolution of security and governance issues in npm packages, mitigating potential vulnerabilities.
- **Testing and Coverage:** Boosted unit test code coverage from 50% to over 80% using Jest and RTLib, achieved 0% security vulnerabilities via manual and automated npm dependency package updates

May 2020 - Mar 2022 | MetroStar Systems | Frontend Developer

- **SAFe Agile Practices:** Enhanced project collaboration and agility through participation in SAFe Agile practices with cross-disciplinary teams.
- **Automated Testing:** Boosted 508 accessibility and code quality by implementing automated tests using Jest, Playwright, and Cucumber for the *US Census Bureau's* web application.
- **Drupal Theme Refactoring:** Streamlined *Farmers.gov* by refactoring its Drupal 8 theme using HTML/Sass/CSS/JavaScript, improving efficiency and maintainability.
- **Vue.js Web Applications:** Developed self-contained Vue.js web applications, utilizing Drupal as an endpoint, to optimize content management and delivery.
- **PHP Backend Integration:** Strengthened web application robustness and security by integrating modules/hooks and twig templates, collaborating closely with a PHP backend.

Apr 2019 - Mar 2020 | Remine, Inc | Software Engineer

- **Contributed Code:** Delivered cross-product features for a real-estate intelligence web application for national brokerage firms.
- **Team Collaboration:** Worked within a focused development team, contributing to both frontend (React/Redux) and backend (REST/GraphQL) layers.
- **Architected Components:** Designed and maintained global application components like Modals and Drawers, improving UI consistency across the application.
- **Implemented Feature Flags:** Aided in the implementation of feature flags at an atomic level within components, facilitating smoother feature rollouts.
- **UX Partnership:** Collaborated with the UX team to refine design mocks into functional code, ensuring user-centric design principles.
- **Styled Components:** Updated and built styled components within a custom UI library, enhancing the application's visual and functional coherence.
- **Authored Documentation:** Created technical documentation, performed testing, and managed ticket creation, supporting all development cycle aspects.
- **Volunteered:** Engaged in seasonal hackathons and contributed time outside of work, demonstrating commitment to professional growth and community.

March 2017 - Apr 2019 | DealerOn, Inc | Front End Developer

- **Collaboration & Scoping:** Enhanced project collaboration and accuracy by working with, product owners, and managers to develop data-intensive single-page applications for a client-facing operations management system.
- **Prototype & Visualization:** Partnered with the UX team to iterate over design mocks, built prototypes for user testing, and utilized Google Charts for data visualization.
- **Integrated and Partnered:** Connected API endpoints to frontend code using VueJS/Vuetify and collaborated with QA to ensure high-quality software delivery by identifying and resolving bugs.
- **Contributions:** Contributed code via Webpack/Git/Bitbucket and participated in daily scrums, bi-weekly build cycles, and peer code reviews.

EDUCATION

Seattle University - Web Development Certificate, 2016

University of Washington - Bachelor's of Arts, 1999