Phillip Sanchez

Front End Developer | Los Angeles, CA | plang.psm@gmail.com | (562)271-8422
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Education

Bachelor of Science in Computer Science | Western Governors University — April 2024
The Front-End Developer Career Path | Scrimba — January 2023

Experience

Freelance | February 2024 – Present
Full Stack Developer
Mementos Photo Booth — Repo

- **Increased the** landing page **performance by 40%** by reducing **Total Blocking Time (TBT)** and **Largest Contentful Paint (LCP)** using the **Next.js Image component**.
- Built server-side rendering components to boost **SEO ranking** and **performance** using **Next.js.**
- Utilized **Lighthouse & WAVE** for web accessibility, performance, and **SEO** analysis.
- Integrated best design practices such as the **60-30-10 color rule** and **Gutenberg's principle** to create strategically appealing and **user-friendly UI** screens.

Hack for LA | August 2022 – Present — hackforla.org | vrms.io
Full Stack Developer

- Enhanced code maintainability using **React.js** by developing **reusable components** which led to a **20% decrease** in code files and **streamlined future updates.**
- Boosted **user experience** by modernizing UI screens for easier navigation **reducing time to change project information by 15%**.
- Debugged **authentication server errors** to restore access to **+100 Vrms.io users**.
- Worked with cross-functional teams using **Kanban** and **CI/CD** to rapidly rollout features.
- Authored **developer documentation content** for the **Website Wiki** to increase knowledge sharing.

Projects

Popfliix | *React.js, Node.js, Express.js, MongoDB, Tailwind.css, Redux, Cypress* — Repo | Live

- Developed a progressive movie watchlist application using the **MERN** stack where users can sign up, log in, add movies, and remove movies from their watchlist.
- **Increased site performance by 53%** by optimizing images using **lazy loading**, **WebP format**, and the **srcSet** attribute.
- Integrated End to End testing using **Cypress** to ensure a consistent and stable **user experience**.
- Built **REST API** endpoints using **Node** and **Express** to handle user authentication, store and remove movie watchlist.

Hate Speech Detection | *Jupyter Notebooks, Python, Kaggle, Sklearn, NumPy, Pandas* — Repo

- Trained a **machine learning model** using **Jupyter Notebooks** and **Python** to detect if a user's input is considered hate speech, offensive language or appropriate.
- Trained a **model** from a set of tweets for **Kaggle** using an algorithm known as the **Decision Tree Classifier**, a **Supervised Learning** approach, to attain an **accuracy score of 75%–80%.**

Skills

Frontend: React.js, Next.js, JavaScript, TypeScript, Redux Toolkit, Tailwind.css, HTML, CSS
Backend: Node.js, Express.js, MongoDB, SQL, Python, APIs
Testing: Cypress, Vitest, Jest, Postman
Other: GitHub, Figma, Docker, Vercel, Railway