Phillip Sanchez

Full Stack Developer | Los Angeles, CA | plang.psm@gmail.com
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Education

Bachelor of Science in Computer Science | Western Governors University   Apr 2024
The Front-End Developer Career Path | Scrimba   Jan 2023

Experience

Los Angeles Unified School District | IT Support Technician   Aug 2023 - Present
- Deployed **device management** solutions such as **Microsoft Intune** and LAUSD Mac App package.
- Addressed connectivity problems to ensure devices were properly connected to the **local area network.**
- Provided first level support to **400+ users** to ensure operation of district equipment.

Mementos Photo Booth | Freelance Full Stack Developer   Feb 2024 – May 2024
- Reduced Total Blocking Time (TBT) and Largest Contentful Paint (LCP) using the **Next.js** Image component to **improve performance by 40%**.
- Utilized Lighthouse & WAVE for **web accessibility**, **performance**, and **SEO** metric analysis.
- Integrated the **60-30-10 color** and **Gutenberg's principle** to create strategically appealing **UI** screens.

Hack for LA | Full Stack Developer   Aug 2022 – Oct 2023
- 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 to **improve project editing navigation by 15%**.
- Migrated the navbar styling to Material UI while also **reducing code files by 30%.**
- Debugged **authentication server errors** to restore access to **+100 Vrms.io users**.
- Ensured the hackforla.org website maintained **WCAG** standards by auditing and updating existing code.
- Led +20 developers in cross-functional teams using **Kanban** and **CI/CD** to rapidly rollout features.

Projects

Popfliix | *React.js, Node.js, Express.js, MongoDB, Tailwind.css, Redux, Cypress*   Apr 2023 - Present
- Developed a progressive movie watchlist application using the **M.E.R.N.** stack.
- Built **REST API** endpoints using **Node** and **Express** for **C.R.U.D.** operations and user authentication.
- Integrated **End to End testing** using **Cypress** to ensure a consistent and stable **user experience**.

Hate Speech Detection | *Python, Jupyter Notebooks, Sklearn, NumPy, Pandas*   Mar 2024 – Apr 2024
- Trained a **machine learning model** using **Python** to detect hate speech in user's input.
- Used the decision tree classifier algorithm to attain a detection **accuracy score of 75%–80%.**

WGUPS | *Python, Hashmap, Nearest Neighbor Algorithm*   Jan 2023 – Feb 2023
- WGUPS is a package delivery system to optimize truck routes for quick package delivery.
- Utilized the nearest neighbor algorithm to **reduce** package expected **delivery time by 20%**

Appointment Manager | *Java, JavaFx, MySQL, SceneBuilder, OOP, MVC*   Jul 2022 – Aug 2022
- A GUI-based scheduling desktop application to help global consulting organizations manage appointments, clients and reports.
- Developed **MySQL queries** to retrieve and manage appointment and user data.

Skills

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