Jack Palmer

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TECHNICAL SKILLS

Core Skills: Javascript, Typescript, React, Next.js, Vercel, Tailwind, HTML, CSS, Node.js, SQL, PostgreSQL, Git, Github, Figma

Exposed To: Python, Ruby, AWS, ECR, Lambda, Serverless, Firebase, Docker, OrbStack, Linux, Ubuntu, Rails, Redux, Cypress, Mocha, Jest, Storybook, NoSQL

EXPERIENCE

Full Stack Software Engineer & Team Lead
03/2023 - Present

multiplAI (stealth startup) - Javascript, Typescript, React, NextJS, Tailwind, AWS, Lambda   *Remote - Toronto, ON*

Leading a fullstack team within the ReactJS & NextJS 13 platform to deliver a modern and streamlined job searching platform by leveraging AI, ML and web scraping.

- Leading daily stand-ups, retros, and cross-team demos for a team of 4 in an Agile environment and identifying and addressing blockers during cross-team meetings, increasing production output by 64% from initial sprints.
- Virtualized data via react-window for the rendering of 2000+ job postings resulting in a 372% reduction in initial render times, maintaining a responsive and user-friendly experience.
- Created customizable filters and a comprehensive analytics dashboard leveraging Chart.js, resulting in an 82% increase in job application success rates compared to traditional methods.
- Contributed to a 38% increase in overall data-fetching efficiency across all endpoints by identifying and resolving performance bottlenecks in collaboration with the Backend teams.
- Implemented NextJS 13's App Router, Server Side Rendering, and React Server Components to improve front end performance, halving initial page load times compared to the original architecture.
- Sole designer of the company's UI/UX direction and design language in Figma, providing an engaging user experience and enabling rapid component creation and iteration for the Front End Team.

Front End Software Engineer - (Part time contract)
12/2022 - Present

Vente A Canada - Javascript, Typescript, React, HTML, CSS, AWS, Docker   *Remote - Toronto, ON*

Pairing international students with Universities through in-person expos, live-messaging and program comparisons.

- Fully rebuilt student dashboard to include data display components such as filterable tables, carousels and cards. Giving students greater control over how they view their data and facilitating better engagement with institutions.
- Created a favourites page with Context and Reducer hooks, localStorage for session history and Axios calls to backend endpoints. Giving student's the ability to compare programs from different institutions and favourite them for later.
- Created unit tests in Jest and end to end tests in Cypress for the dashboard and favourites page and their related helper functions, maintaining +90% code coverage across the App.
- Formatted existing front-end architecture, eliminating over 16,000 lines of redundant code, resulting in a more than 28% reduction in bundle size and improving responsiveness and performance metrics by over 31%.
- Enhanced live chat functionality with 10+ features, including localized timestamps, URL parsing, emoji support, modals and drawers for modern data display. Doubling chat accessibility and usage compared to previous metrics.
- Provided live server support. Monitoring Docker container health, AWS and Google metrics to ensure sustainable server load during 1000+ person Expo. Delivered a worry-free event for the client and maintained 100% up-time.

Project Coordinator & Systems Automation
09/2019 - 01/2022

TLG Millwerks Ltd - Javascript   *Vancouver, BC*

- Developed the company's first project management system using Airtable. Including a $100,000+ item inventory, data for 100+ projects with a $1.5m pipeline, client & vendor CRM and Gantt chart scheduling for a 10+ person team.
- Reduced company meeting time by 10+ hours weekly through Slack API integrations and automated workflows.
- Successfully managed 10+ projects valued at $50-100,000+ and served as the primary point of contact between customers, contractors, and internal teams.

EDUCATION

CSS for JS Developers and The Joy of React
Certifications   *01/2023 - 05/2023*

Lighthouse Labs - Full-stack Web Development
Diploma   *05/2022 - 12/2022*

Google's Project Management Certification
Certification   *01/2022 - 05/2022*