Garrett Palmeri

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Summary

- Full-Stack Web Development: Experience in the architecture, design, and development of web applications. Worked with several different teams to design user-friendly front ends as well as RESTful API's from concept to deployment. Experienced in JavaScript, Typescript, Python, and HTML/CSS.
- Interpersonal Skills: Excellent at communicating ideas and concepts to technical and non-technical persons.

Professional Experience

Wheels Up - *Software Engineer, Lead (Frontend)*   June 2021 - Present

Members Website Team:

- Lead the execution and maintenance of new features for the members site experience for both desktop and mobile browser views.
- Developed a critical feature that improved efficiency and user interface experience, resulting in approximately a 10% decrease in Member Services time required.
- Designed and implemented client-side caching using Redux, Axios Interceptors, and the browser Storage Api.
- Integrate Datadog Real User Monitoring for tracking client-side performance and error logging.
- Drive the implementation of feature flags using custom hooks for easy flag manipulation within QA environments as well as easy plug and play ability for changing services.
- Implement a Service Worker to increase site performance by pre-caching bundles, caching static assets such as images and fonts, and a second iteration of client-side caching with the browser Cache Storage Api.
- Upgrade react-router and react-router-dom to v6 to take advantage of newer hooks and routing capabilities.
- Use CSS and GSAP animations to deliver a luxury experience for members.
- Own the team's html email templates to ensure compatibility across different clients in both a desktop and mobile view.

Azure-Migration Team:

- Work cross functionally to migrate all frontend services from Rackspace cloud services to Microsoft Azure.
- Implement the use of runtime environment variables from Kubernetes ConfigMaps in AKS.
- Ramp up all front end teams to the Azure CICD process

Miscellaneous:

- Work across multiple teams delivering features simultaneously without disruption in velocity or quality.
- Own multiple sources of documentation including topics on infrastructure, package/library usage, and onboarding documents.
- Responsible for onboarding new team members to both Members Site and general front end engineering teams.
- Perform coding round interviews for prospective candidates.

Project Innovate Newark - *Software Engineer (Fullstack)*   October 2018 - June 2021

Frontend Services:

- Designed and implemented new UI/UX features optimized for both desktop and mobile browser views.
- Created custom animations using CSS to enhance user experience.
- Refactored "Guest" React application from Class Components to React Hooks.
- Created CI/CD deployment cycle for apps to be deployed to Google Kubernetes Engine cluster.

Backend Services:

- Architected and implemented a Flask Api and Postgres database to support both frontend clients.
- Integrate Google Cloud Storage for storing images in the cloud with dynamic naming and store based on the development environment.
- Worked with program coordinators to enhance administrative features and design access privileges for students and teachers.

Miscellaneous:

- Mentor engineers just starting their career in best practices, system design and architecture, and personal project planning.
- Assist apprentice level engineers in ramping up to the engineering team.
- Provide support and feedback to engineers working to sharpen their technical skills.

Projects

Typescript Shared Types npm package

An npm package designed to host shared types to serve as concrete contracts between server and client applications in the same ecosystem.

ChatGPT Prompt Chrome Extension

A chrome extension that empowered the user to create easy ChatGPT prompts with suggested prompts and seamless page content to script pasting.

Skills & Competencies

Programming Languages

Javascript, Typescript, Python, HTML/CSS

Frameworks

React.js, Next.js, Flask, Node.js, Django, Nest.js

Technologies

Git, Axios, Redux, GraphQL, React Query (Tanstack Query), Service Workers, Postgres, Cassandra, Figma, Storybook, Craco, Material UI, Bootstrap, Radix, Imgix,

Frameworks

GCP, Azure, AWS (Lambdas), Docker, Kubernete

Formal Education

Seton Hall University — *Bachelors of Science*