

# Brandon Patterson

[brandnpatterson@gmail.com](mailto:brandnpatterson@gmail.com) | [brandnpatterson.github.io](https://brandnpatterson.github.io) | [github.com/brandnpatterson](https://github.com/brandnpatterson)

Senior Software Engineer with 7+ years of experience delivering scalable, high-performance user interfaces with a strong focus on cross-functional collaboration, accessibility, and interactive data-driven applications.

## Experience

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**Senior Software Engineer, Front End**, Muck Rack – Remote Sep 2019 – Present

- Developed interactive table features using Vue, Tabulator, and Django, which improved list organization, recipient management, message personalization, and enabled better coordination for 5,000+ users.
- Engineered a presentation editor with Vue and Pinia, enabling slide management and real-time previews, transforming PR data into interactive, stakeholder-ready reports.
- Designed and implemented a PDF export service for presentations, making key architectural decisions with Vue and Django, to ensure accurate rendering and consistent data output across Highcharts and Tabulator.
- Built and maintained interactive dashboard widgets such as charts, tables, and maps, providing valuable insights into media coverage, brand sentiment, and PR performance.
- Collaborated with cross-functional teams to define product requirements and explore solutions, leveraging technical expertise to guide team members and improve workflow efficiency.

**Software Engineer - Client Projects**, Square 205 – Remote Apr 2019 - Sep 2019

- Developed an admin dashboard for creating and selling customizable, drag-and-drop sports banner templates, enabling teams to personalize designs with team-specific graphics, branding, and colors.
- Optimized and maintained a print server built with Nginx, Node, and Express to handle food order receipts for kitchen staff, improving reliability, reducing errors over time, and enhancing order fulfillment efficiency.
- Synchronized and integrated data for a social media application using Hasura and GraphQL, optimizing data flow between the database and the React Native front end, enhancing performance and usability.
- Built a custom WordPress dashboard with JavaScript, PHP, and MySQL to surface real-time revenue and order data, improving visibility and streamlining internal operations and reports.
- Mentored junior developers and collaborated closely with designers, project managers, and clients to analyze product requirements and deliver tailored solutions in a timely manner.

**Front End Developer**, Sabre Corporation – Southlake, TX / Hybrid Sep 2017 - Apr 2019

- Built custom hotel booking consoles and integrated advanced filters and sorting functionality, allowing users to search and select hotels based on preferences such as price, amenities, and location.
- Developed an autocomplete search component for displaying various hotels using React and integrated with Google Maps to enhance user experience, streamline hotel selection, and encourage quick and easy booking.
- Ensured cross-browser compatibility and responsive design while also adhering to accessibility guidelines, ensuring a consistent and inclusive user experience across all devices and platforms.
- Demonstrated adaptability by quickly learning new technologies and frameworks, while remaining available to support urgent issues or emergencies, helping to maintain the commitment to development timelines.

## Skills

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**Core Competencies:** JavaScript (ES6+), Vue, Pinia, HTML, CSS/SCSS, Bootstrap, Python, Django, Jest, Testing Library, Webpack, Git, Zsh, Docker, MySQL, CircleCI, AWS, Sentry, Agile/Scrum, responsive design, WCAG, a11y

**Experience With:** TypeScript, React, React Native, Express, PHP, Material UI, GraphQL

## Education

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**Oral Roberts University** – Bachelor of Music in Composition

Tulsa, OK