

SARAH "SASA" PETTYJOHN

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Relevant Work Experience

ClearBlade Inc.

Austin, TX

Lead Applications Software Engineer

February 2025 - Current

- Architect large-scale projects for the user interface using React, Typescript, SQL, and Material UI.
- Design and write backend API services to display, filter, and update data on the website.
- Mentor junior hires and manage task workflow to assure project completion by deadlines.

Software Engineer

October 2020 - February 2025

- Built dashboards for data visualization, map displays, customizable roles and permissions, e-commerce, AI chat bots, MQTT-based event listening with UI alerts, and more.
- Maintained a suite of api tests and unit tests using Jest to ensure reliable operation.
- Collaborated across teams to address bug fixes and design enhancements.

Frontend Software Engineer Intern

May 2020 - October 2020

- Designed and built ClearBlade's first e-commerce platform using a custom checkout and Stripe.
- Spearheaded a project that allowed users to customize the theme and layout of their app.

Exposurepedia.com

Remote

Principal Frontend Software Engineer (part-time)

July 2023 - Current

- Built the entire app from the ground up and provide ongoing maintenance and enhancements.
- Constructed a complex search-engine style application using React, Typescript, and Supabase.
- Implemented user authentication with an admin portal for resource management.
- Collaborated with the founder and UX designer to meet all business needs during development.

Technology & Skills

- | | | | | |
|--------------------|---------------|-------------------------|--------------|-------------------|
| • React | • Material UI | • REST APIs | • Figma | • Redux |
| • Typescript | • SQL | • Database architecture | • HTML / CSS | • Supabase |
| • Javascript / ES6 | • Jest | • GraphQL | • Git | • Atlassian suite |

Education

Epicodus Full-Stack Program, *January 2020 - May 2020*

- 40 hours/week programming using C#/.NET, React, jQuery, MySQL, Jest, Python

University of Washington, 2018

- M.S. in Medical Speech Pathology
- GPA: 3.86

Northwestern University, 2016

- B.S. in Psychology & Communication Science
- GPA: 3.94