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.
- Train and mentor junior hires to advance their skills and contribute as effective team members.

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