# LYNDSI WILLIAMS

## Frontend Software Engineer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [Tech Blog](#)

## SKILLS

Javascript | Typescript | HTML | CSS | React | Next.js | Vite | Redux | React Context | React Native | React Testing Library | Jest | RESTful API | Tailwind CSS | Emotion | LESS/SASS | GraphQL | NodeJS | Express | SQL | Python | Deployment | Git

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## EXPERIENCE

**NBCU (Fincons) -- Lead Superset Engineer / Frontend Software Engineer**          August 2023 - July  2024
- Led a team of frontend developers in creating a custom version of Apache Superset as an interim solution during the development of a new telemetry tool
- Planned and designed custom Apache Superset features in Figma to meet over 200 stakeholder requirements
- Authored comprehensive documentation for using the custom version of Apache Superset
- Developed and enforced a testing plan to ensure production safety during new deployments
- Managed stakeholder expectations and timelines for feature development
- Developed a custom Video Experience telemetry tool, achieving a 75% cost reduction compared to the previous solution

**The Apache Software Foundation -- Apache Superset Committer**          October 2021 - Present
- Implement feature work with clean, maintainable code
- Review code in pull requests to ensure everything stays within the project's code styles
- Remove tech debt by cleaning up errors/warnings in the code, converting JavaScript files to TypeScript, and converting Enzyme test files to React Testing Library
- Improve and maintain frontend component tests
- Contribute to an ongoing initiative to remove async warnings from the test suite

**Preset -- Full Stack Software Engineer**          March 2021 - February 2023
- Worked with a team of frontend and backend developers, QA, and design using Scrum/Agile methodology
- Planned out feature work by breaking it down into tickets and building architectural diagrams
- Implemented feature work with clean, maintainable code
- Reviewed code in pull requests to ensure everything stayed within the project's code styles
- Created dynamic functional components to improve user experience throughout the product
- Removed tech debt by cleaning up errors/warnings in the code, converting JavaScript files to TypeScript, and converting Enzyme test files to React Testing Library
- Improved and maintained frontend component tests
- Upkept an ongoing initiative to remove async warnings from the test suite
- Co-lead the Community Partners program - we helped new open-sourcers learn to contribute to open source projects by assisting with their first Superset contributions

**Bloom Institute of Technology (formerly Lambda School), Remote -- Team Lead**          March 2020 - June 2020
- Delivered 1:1 feedback and code review on a weekly basis
- Mentored a team of 7-9 students that emulates a real work environment using Agile methodology
- Facilitated daily standup meetings to build camaraderie and provide guidance for that week's study material

**Electronic Arts (PRO Unlimited)**, Baton Rouge LA                    March 2011 - March 2012, July 2012 - June 2013
**Quality Assurance Tester**
- Tested video games to ensure that they met certain requirements
- Reported detailed reproduction steps for any issues found
- Filled out tasks and time spent on those tasks in DevTest
- Participated in the legal certification of multiple major Electronic Arts titles

**Point of Contact (POC)**
- Communicated with developers to ensure issues were fixed in a timely manner
- Managed, trained, and mentored 50 QA testers
- Tracked the night shift testers' bug count and their progress using Excel
- Looked over and edited all bugs written by testers before they were submitted

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# PROJECTS

**Apache Superset /** Open source contributions
**ReactJS | TypeScript | Redux | Hooks | Emotion | Material UI | React Testing Library**
[Contributions to Superset (Github pull requests)](#)
Apache Superset is a widely-used open source data visualization and data exploration platform.
- Collaborated with designers and developers in an open source environment to ensure high quality contributions
- Conducted detailed code reviews on community pull requests
- Planned and built features within the product
- Contributed to bug fixes and tech debt cleanup

**Vite/useReducer form state example /** Demonstration project
**Vite | ReactJS | React Hooks | ReactJS | TypeScript | Emotion | Material UI | Vercel | Lodash**
[GitHub Repo](#)  |  [Deployment link](#)
My first app created with Vite. This project demonstrates manipulating state with the useReducer React hook.
- Run a project with Vite
- Use the useReducer hook to manage state
- The form uses an action to change state independently by field
- Alternatively, the data can be changed as a whole by manipulating the entire JSON directly.

**Amyth.io /** Component Library
**ReactJS | TypeScript | Emotion | Material UI | Cypress | Vercel | Storybook**
[GitHub Repo](#)  |  [Deployment link](#)
My first component library built with a fun space theme. I used this project to teach myself how to:
- Animate a static image
- Deploy to Storybook
- Set up component testing in Cypress
- Publish packages to NPM

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# EDUCATION

**Bloom Institute of Technology (formerly Lambda School)**, Remote                    September 2019 - October 2020
**Full Stack Web Development & Computer Science**
- Lambda School was a 9+ month accelerated program with an immersive (full-time, 40+ hours/week) hands-on curriculum with a focus on computer science, software engineering, and web development.

**Baton Rouge Community College**, Baton Rouge LA                    2011-2012
**Associate of Applied Science, Entertainment Technology - Game Design**
**Pensacola Junior College**, Pensacola FL                    2008-2010
**Associate of Arts - AA, Computer Science**