

# Saesha Senger, PhD

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[LinkedIn](#) | [GitHub](#) | [Portfolio Site](#)

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## Professional Summary

Exceptionally focused and reliable Full Stack Developer with an outstanding work ethic and ambition to learn. Capable of taking the initiative, with or without the assistance of others, in diagnosing business needs, formulating business goals, identifying human and material resources for learning, and evaluating beneficial and positive outcomes. Able to work well independently or as part of a team using Agile methodology.

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## Technical Skills

- Languages/Frameworks : Java SE 9 JDK 9, Spring Batch, JavaScript ECMAScript 6, HTML, Python, EJS
  - Web development: Ajax, JQuery, React.js, Redux, Bootstrap, e-commerce, Section 508/WCAG 2.1, Postman, CSS
  - Server-side technologies : PostgreSQL, Sequelize, JDBC, MySQL, SQL
  - IDEs/Environments : IntelliJ IDEA, VS Code, Node.js, Express, GitHub
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## Education

Certificate in Full Stack Software Engineering: DigitalCrafts	2020
Doctor of Philosophy, Musicology and Ethnomusicology: University of Kentucky	2019

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## Software Development: Work Experience

Software Engineer Intern Salepoint LLC	July 7, 2020 – Present
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- Contributing to the design and development of a Java Spring Batch application that receives employee data from Workday, parses the data, then uploads it to a DB2 database. This enables legacy mainframe applications to understand and process employee data.
  - Assisting software engineering teams in transitioning their legacy applications to be capable of consuming data in Workday format via REST API calls to the Google Cloud Platform data lake system.
  - Using agile methodology remotely to complete projects
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## Software Development: Personal Portfolio

**Sphyn** [Link](#) | [GitHub](#)

- Executed agile methodology remotely with my team to design and develop the e-commerce Sphyn project
- Created server-side functionality with Node.js, Express, Sequelize, and RESTful APIs
- Created client-side functionality with REACT, CSS, the Google Maps API, and the PayPal e-commerce API
- Built and supported a relational database using Sequelize, JavaScript, and Hashing Encryption to meet business needs

**OneStop** [Link](#) | [GitHub](#)

- Designed and built this REACT project by utilizing Redux to manage global state and RESTful APIs that deliver select web content
- Engineered responsive design using CSS, Bootstrap, and React Grid Layout
- Stored all data to local storage using Redux local-storage dependency

**Enhance Your Vibes** [Link](#) | [GitHub](#)

- Executed agile methodology remotely with my team to design and develop the Enhance Your Vibes project
- Led team by distributing assignments through a project management tool and establishing and maintaining a GitHub repository for version control
- Integrated RESTful APIs with existing frontend resources and mobile-first design and conducted authentication utilizing JSON web tokens
- Utilized HTML, CSS, Bootstrap, JavaScript, and RESTful APIs with JSON files to build an exciting and responsive website

**EventSet** [Link](#) | [Github](#)

- Executed agile methodology remotely with my team to design and develop the EventSet project
- Led team by distributing assignments through a project management tool and establishing and maintaining a GitHub repository for version control
- Utilized mobile-first design with Bootstrap and CSS, making this application ideal for the on-the-go user
- Employed EJS to organize project and integrate JavaScript within HTML files, while providing access to custom-built relational database

