

# Sarah Johnson

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**Professional Summary:** Entry level full stack software engineer, interested in crafting high-quality, clean code and continuing to expand my interest in algorithms, data structures, object-oriented code, and scalable design. Prior career informs my reliability, documentation, time management, attention to detail, delivery, responsiveness, and positivity to advance a software team.

**Languages:** Python, JavaScript, TypeScript, SQL

**Frameworks/Libraries:** Flask, React, Next.js

**Design + Infrastructure:** Bootstrap, MaterialUI, PostgreSQL, Firebase/Firestore

**Certifications:** Coding Temple - Full Stack Development

**Other:** Git collaboration, RESTful APIs, OOP, TDD/Unit Testing, Refactoring, Agile

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## APPLICATIONS/PROJECT WORK

### Bookies Social Media Site – Full Stack Engineer

*Technologies: Python, TypeScript, React, Flask, PostgreSQL, MaterialUI, APIs: Google Books, NY Times, OpenAI*

- Inspired by a love of reading, this web app facilitates the social aspect of reading as users share their own book lists, rate books, post comments, view the book lists of others and decide what to read next
- Designed a user-friendly UI with 8 different views using React and Material UI, supporting API calls to NY Times bestsellers, Google Books, OpenAI chatbot, and a custom Backend,
- Created and tested a Flask REST API to store, update, and fetch data from a 14 table PostgreSQL database, receiving and returning responses in JSON as requested by the user through the UI

## EXPERIENCE

### Freelance, Full Stack Software Engineer

4/2024 - Present

*Technologies: Python, JavaScript, TypeScript, React, Next.js, Tailwind CSS*

- Developing three Full Stack products currently, two with Agile teams and one independently, my portfolio website
- Conceived an MVP for existing tattoo business, Ensonpokes, and in the process of executing using Next.js and Tailwind with a UX designer and 2 developers who were inspired to join the project
- Building and releasing new product as Full Stack engineer with Co.Lab Agile product development team

### Coding Temple, Entry-level Software Engineer

1/2024 - 3/2024

*Technologies: Python, JavaScript, TypeScript, SQL, Flask, React, Bootstrap, PostgreSQL, REST APIs*

- Mastered 12 independent projects gaining proficiency with Python, as well as HTML, CSS, and JavaScript, relational databases such as PostgreSQL, Flask framework, and React.js libraries
- Refactored for code quality during algorithm whiteboarding, pair programming and Code Reviews resulting in robust debugging techniques and consideration of scalability and time efficiency
- Leveraged Git and version control on GitHub to facilitate the software development life cycle

### 1st Source Bank, Admin/Project Manager - South Bend, IN

9/2022 - Present

- Creates 12 reports monthly, effectively analyzing data and reporting progress toward region goals, resulting in united efforts throughout the region and actionable responses
- Delivers documentation on internal processes, research, and local vendors by successfully managing multiple projects with varying timelines and levels of priority, contributing to achievement of the region's annual goals

### Verso Ministries, LLC, Office Manager at Start Up - South Bend, IN

7/2021- 3/2022

- Documented over 50 company processes to build scalable and sustainable long term growth

## EDUCATION

**Coding Temple, Certificate - Software Engineering**

**University of Notre Dame, B.A. Theology**