

Sebastian Stovall

SOFTWARE ENGINEER

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SKILLS

JavaScript, Node.js, TypeScript, Python, HTML, CSS, SQL, SQLite3, PostgreSQL, SQLAlchemy, React.js, Redux, Next.js, Express, Flask, Sequelize, AWS S3, REST, Object Oriented Programming (OOP), Ubuntu, Windows Subsystem for Linux (WSL), Docker

TECHNICAL EXPERIENCE

Poppy & Pour

November 2023 - December 2023

- Integrated Etsy, Shopify Admin, and Shopify Storefront APIs using Next.js and Prisma ORM
- Established OAuth 2.0 authentication flow for both APIs, managing access and refresh tokens stored in the database
- Implemented middleware to automatically refresh expired tokens, ensuring continuous API access
- Designed GraphQL queries to convert Etsy product data into Shopify-compatible format for checkout
- Led the API integration process, ensuring adherence to standards for reliable data handling and security
- Established user authentication, protected routes, and google OAuth using NextAuth.js package
- Developed React Components that fetch pre-rendered data using `getStaticProps` and `getServerSideProps` for SEO optimization

PROJECT WORK

2023 Codédex Holiday Hackathon

[GitHub](#) | [Live](#)

- Prize winner from the 2023 December hackathon hosted by Codédex. Demonstrated proficiency in JavaScript, Next.js, HTML5, CSS3, and PostgreSQL by developing a creative and innovative project within a constrained time frame

WSCO | Python / React / Redux / Flask / SQLAlchemy / PostgresPSQL

[GitHub](#) | [Live](#)

- Leveraged React to design and build modular, reusable front-end components. These components expedited development efforts and elevated code maintainability. Their integration ensured a unified design and consistent functionality throughout the application
- Leveraged the capabilities of AWS S3 and FlaskForm to iterate through and upload multiple images efficiently within a single form allowing users to create photo albums
- Designed and implemented a self-referential table structure using SQLAlchemy, a popular Flask ORM (Object-Relational Mapping) library. This achievement facilitated the modeling of intricate hierarchical relationships within the database, ensuring efficient data management and retrieval

Rignite | Python / React / Redux / Flask / SQLAlchemy / PostgresPSQL

[GitHub](#) | [Live](#)

- Collaborated within a diverse cross-functional team to accelerate the development of RIGNite's features within a compressed one-week timeframe. Demonstrated proficiency in agile methodologies and fostered a collaborative and productive team environment
- Led the development of the order management feature, implementing full CRUD (create, read, update, and delete) functionality. This enhancement allowed for user-friendly tracking and maintenance of purchase records, particularly for sold-out or inactive items
- Assumed the role of GitHub project manager, orchestrating team tasks for feature branches, overseeing branch merges, and participating in code reviews to resolve merge conflicts and ensure code quality

WORK EXPERIENCE

Database Systems Operator | Menasha Packaging, Hartford, WI

June 2021 – August 2022

- Utilized Menasha's database system to efficiently locate, procure, and oversee inventory product
- Collaborated with cross-functional teams to identify and address database system inefficiencies, actively participating in database maintenance tasks, ensuring data accuracy and reliability for smooth management during the transfer of product

EDUCATION

Full Stack Engineer | App Academy

Completed September 2023