

# Sebastian Stovall | SOFTWARE ENGINEER

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## SKILLS

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*JavaScript, Python, TypeScript, Node.js, 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

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### Software Engineer Intern | Poppy & Pour

- 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

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### 2023 Codédex Holiday Hackathon Prize Winner

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

- Collaborated on a holiday-themed single-page web app with a serverless backend using Next.js.
- Configured a local PostgreSQL database through Ubuntu Linux connected with Prisma ORM to store resolution data
- Integrated a self-resetting countdown timer to New Year's using react-countdown package. Utilized react-toastify for clear and concise user feedback on form submissions

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

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

- Leveraged React to design and build modular, reusable front-end components expediting development efforts and elevating code maintainability while ensuring a unified design and consistent functionality
- 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, facilitating 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 with a diverse cross-functional team to accelerate the development of RIGNite's features within a 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, allowing for user-friendly tracking and maintenance of purchase records
- 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

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### 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

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### Full Stack Engineer | App Academy

Completed September 2023