

# Shea Wilson

## Backend Software Developer

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Backend Developer with a background in Aircraft Logs and Records, where I use my expert ability to pay attention to detail because millions of dollars worth of US Government property depends on it; I now use this skill to debug my code. Eager to keep building with Python and Java as well as excited to learn new languages. I'm looking to work in a team environment and thrive well where organization and uniformity is adhered to but I can still bring creativity to any team.

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### Skills

**Languages:** JavaScript, HTML5, CSS3, Python

**Frameworks/Libraries:** React, Flask

**Databases:** SQL

**Tools/DevOps:** Github, RESTful APIs, TailwindCSS, MaterialUI, Google Fonts

**Certifications:** Coding Temple - Full Stack Software Engineer

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### Projects

**Sneaker Inventory:** *Full Stack Application*

[\[https://stirring-panda-8ebc20.netlify.app\]](https://stirring-panda-8ebc20.netlify.app)

- Designed and implemented a robust Sneaker Inventory to deploy an mvp.
  - Utilized Auth0 for user authentication.
  - Built RESTful APIs for communication between the Sneaker Inventory and other app modules, ensuring smooth data exchange and real-time updates of sneaker availability.
  - Implemented a relational database schema to efficiently store and retrieve sneaker information, optimizing data access for the microservice and adhering to best practices for data integrity and security.
  - Conducted thorough testing of the microservice, including unit testing and integration testing, to identify and resolve potential bugs and ensure the reliability and stability of the system.
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### Experience

**Software Engineer Trainee:** *Coding Temple*

OCT 2023 - MAR 2024

- Developed a marketing product/UI demo using React, Redux, and Material UI.
- Migrated database schema with flask.
- Deployed fullstack applications using third-party hosting services.
- Utilized Firebase and Auth0 for authentication functions with applications.
- Performed CRUD testing with Insomnia.

**Aircraft Logs and Records Clerk:** *Amentum*

MAY 2021 - PRESENT

- Documented hundreds of maintenance actions performed for over 145 military training aircraft.
  - Recorded thousands of flight hours arranged by date, time of departure, and time of arrival.
  - Collaborated with a team of people to complete major maintenance actions as engine removals, transfers, receivals and installations.
  - Adapted to dynamic changes to regulations to aircraft maintenance intervals as required by engineers.
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### Education

**Coding Temple, Certificate** - *Software Engineering*

**Park University, Parkville, B.A.** *Computer Science Information Systems*