# ZACHARY WOOD
## FULL STACK SOFTWARE ENGINEER

zacharydavdevelops@gmail.com  >  574-549-7491  > [LinkedIn](#) > [Github](#) > [Portfolio](#) >  Warsaw, IN

---

Hello! I'm Zach Wood, a motivated Full Stack Software Engineer with a lifelong passion for technology. Growing up hands-on with computers, I developed a strong foundation that led me to graduate from App Academy's rigorous 1,000+ hour program, where I strengthened my coding skills and problem-solving abilities. I've gained valuable experience working at a globally impactful biomedical startup and am now looking to apply my expertise at a fast-growing company. I'm eager to bring my skills to an organization that values growth, innovation, and collaboration.

**LANGUAGES:** JavaScript, Python, SQL, HTML, CSS, C#    **DATABASES:** SQLite, PostgreSQL, SQLAlchemy, Sequelize
**FRAMEWORKS:** React, Redux, Express, Flask, AWS, Docker   **TOOLS**: Git, Figma, AWS, Node, Unit Testing, Deployment
**KEY SKILLS:** Code Reviewing,  Requirements Gathering, Team Leading, Production Support

## WORK EXPERIENCE
---

**BIOSTRIVE  >>** *Software Engineer  >  Orlando, Florida (Remote)  > [Live Site](#)*          **May 2024 – CURRENT**
- Worked with a team of software engineers to build a client-facing website for a biomedical consulting startup.
- Aided company in deploying a unique medical writing LLM by constructing a React-based frontend system. Incorporated frameworks such as Redux and JWT.
- Developed a full stack web app to store the largest global database of radiation reduction data in the world for a client. Utilized frameworks including React, PostgreSQL, Axios, Flask, and JWT.

**WARSAW COMMUNITY SCHOOLS  >>** *IT Specialist Intern  >*  Warsaw, Indiana          **August 2021 – June 2022**
- Accelerated the IT ticket resolution process by upgrading software within the Cisco IT Help Desk system for both hardware and software issues servicing a school system of 2,500 people and 5,000+ devices (computers, iPads, etc.)
- Upgraded the software to stay current with the latest hardware, updates, and essential components, ensuring seamless technical service for the district while minimizing disruptions to the teaching process.

## PROJECT EXPERIENCE
---

**ZIKE  >>**  Flask, React, Redux, PostgreSQL, SQLite, WTForms, Render          [Source Code](#) > **[Live Link](#)**
- Developed a shoe size management system using React, Python, SQLAlchemy, WTForms, and AWS. This feature allows users to create new shoe entries, add sizes to their cart, favorite items, and complete checkout seamlessly with fake currency.
- Implemented a user review feature with React, Python, and WTForms, providing an intuitive interface for users to leave feedback on products, making it easy for users to see if others liked the product.
- Planned out project deliverables with GitHub Issues, Kanban cards, and detailed notes with daily tasks to optimize workflow and meet a tight, ten-day turnaround.

**WUBER EATS  >>**  Flask, React, Redux, PostgreSQL, SQLite, WTForms, Render          [Source Code](#) > **[Live Link](#)**
- Developed a fully functional e-commerce shopping cart feature using React, Redux, and backend routes, incorporating a modal for users to view, add, delete, and update the quantity of items in their cart.
- Built a comprehensive Flask backend with Python, Docker, and AWS, providing routes for restaurant listings, menu management, reviews, and shopping cart functionality.
- Crafted a strong workflow with the development team leveraging GitHub for version control along with daily stand-ups to effectively coordinate tasks and code integration while mitigating potential merge conflicts.

## EDUCATION
---

**APP ACADEMY  >>**  Full Stack Web Development          **Completed June 2024**

**WARSAW COMMUNITY HIGH SCHOOL >>** *Technical and academic honors diploma* 3.9 GPA          **Completed June 2022**