

# ZACHARY STURMAN

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## ENTRY-LEVEL PYTHON SOFTWARE DEVELOPER

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### PROFILE

Using Python, Javascript and modern technologies to turn complex topics into simplified visualization with optimized, real-world applications

Being a self-taught programmer forced me to get creative when problem solving during the creation of my portfolio apps. I'm excited to serve your clients with the skills I've acquired while learning as much as I can about your business in the process

### EXPERIENCE

- Created a dynamic productivity app using Flask as the framework and MySQL for database management pushing it to the web with the use of Nginx, Docker and uWSGI
- Improved user experience with the use of CSS, SCSS and Bootstrap to optimize web applications for mobile use without losing any full screen functionality
- Developed an automated UI responsible for monitoring and alerting users of increased CPU exertion

### TECHNOLOGY

#### Programming

Python3, JavaScript, HTML/CSS, Jinja2, SQL

#### Modules and Libraries

NumPy, Pandas, Matplotlib, OpenCV, ThreeJS, Bootstrap

#### Database Management

SQLAlchemy, MySQL

#### Serverside

Nginx, Docker/ Docker-compose, uWSGI

### SKILLS

Database Architecture, OOP, JSON, HTTP Requests & APIs, Unit Testing & Error Handling

### EDUCATION

Bachelors, Full Sail University - 2014