

ZACHARY STURMAN

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PYTHON SOFTWARE DEVELOPER

PROFILE

Using Python, Javascript and modern technologies to turn complex topics into simplified visualization and optimized, full-stack applications

Being a self-taught programmer forced me to get creative when problem solving, which lead to out-of-the-box solutions for unique issues. 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