

Motivated Software Engineer with proficiency in Python, ReactJS, and MySQL. I have a passion for blending creativity, logic, and technology to build high quality products. My commitment to prioritizing end-user needs and passion for technology fosters an environment that drives innovation and delivers top-tier performance.

EXPERIENCE

Creative Energy

Jul. 2023 - Present

Johnson City, TN - Web Developer

- Collaborated with clients to design and maintain web solutions tailored to diverse business needs, leveraging a wide range of technologies while accommodating varying budgets and constraints.
- Led end-to-end development & deployment pipelines for numerous applications with diverse technical requirements, leveraging expertise in command line, linux servers, and containerized environments with minimal downtime.
- Built and deployed the signage system used by the city of Johnson City, TN; comprising 64 kiosks running a local ReactJS page that fetches its information from a centralized Strapi backend.

Business Information Systems

Aug. 2021 - Jul. 2023

Piney Flats, TN - Software Developer I

- Transformed the company's development process by integrating the Gitflow branching model and leading a seamless, company-wide shift to Jira for bug tracking.
- Developed new features for the Motor Vehicle package of our Point of Sale software.
- Engineered and deployed a comprehensive suite of internal support tools, resulting in a 66% reduction in training time, lowering support staff skill requirements, and substantially decreasing average call resolution time.
- Established internal tools development department to enhance productivity and efficiency.

RELEVANT PROJECTS

Opinified

<https://opinified.com/>

- Built with Python/Django and hosted on a Digital Ocean VPS with a fully containerized infrastructure allowing for zero-downtime deployments
- Leverages OpenAI API for creating interactive surveys that adapt in real-time to the respondent's responses.
- Product was pitched at 'The Pitch' in Johnson City, TN:
<https://www.teknovention.biz/opinified-brings-ai-to-the-survey-scene/>

EDUCATION

Southwest Virginia Community College

Aug. 2015 - Aug. 2018

Cedar Bluff, VA - Software Engineering