

Tanner E. Fry

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[My Company Website – DigiMastered Works LLC](#)

www.linkedin.com/in/tanner-fry

[Github.com/Lasutriv](https://github.com/Lasutriv)

Objective I'm a full stack software developer with 3 years of experience in designing, developing, and implementing web apps on AWS, locally, or in Docker for on/off-premises solutions. I am proficient in front-end/back-end development regarding React, HTML5/CSS3, Typescript, Node.js/Express.js, and am looking for a long-term commitment with a dedicated company focused in the betterment of society.

Technical Skills

Programming Languages: Typescript, JavaScript, SQL, jQuery, CSS3, HTML5, Python, C#

CMS/Frameworks/Libraries: React, Express.js, Drupal, Unity, Bootstrap, PyGame, React Native, and BeautifulSoup4 (Web scraping),

Software: VS Code, Docker, GitHub, Insomnia, Adobe XD, Aseprite, dBeaver, dB Browser, ERP SAP S/4HANA, Atlassian, Google Analytics, IntelliJ, MS Access, and VS Community

Techniques: Agile, SDLC, Implementation, Debugging, Relational Database Design

Stacks/Environments: Node.js, MERN, LAMP

Experience Included LLC – Harvard Medical School (DICP/BSCP/CFF) Remote – Rolla, MO
Jun 2023 – Present

Full Stack Developer (Contractor)

- Manage 3 on-going projects for Included clients while providing consultation on best steps forward with modifications and maintenance of site content and data.
- Create 3+ new features for showcasing team information, company partnerships, and partnership logos.
- Deploy 60+ content changes for personal stories related to COVID via dev sites and database migrations on Drupal.
- Provide continuous updates for clients and management regarding the needs of each respective party.

ThinkBox312 Inc – Harvard Medical School (DICP/BSCP/CFF)

Remote – Rolla, MO
Apr. 2022 – Jun 2023

Senior Software Developer

- Develop 100+ pages of frontend content, styles, and designs for multiple educational institutions via Drupal as well as frontend components for a ThinkBox SaaS product in React.
- Build 3+ custom Drupal modules for a multi-organization headless-React Drupal application utilizing Node.js, manage group permission-based content, and build/apply app mechanics based on permissions/roles.
- Integrate RESTful API calls for MERN and LAMP stacks regarding 3 SaaS products.
- Design/Deploy 20+ RESTful endpoints for Drupal's API on our SaaS products.
- Apply 20+ chart types for company-wide opportunity information.
- Mentor a colleague on full stack development with best practices, stacks to apply, and methods to enhance a Bitnami/Drupal instance.
- Manage 10+ servers, keep infrastructure up-to-date, and apply/recertify SSL certificates depending on provider (OpenSSL, PremiumSSL, etc).

ThinkBox312 Inc – Harvard Medical School (DICP/BSCP/CFF)

Remote – KC, MO
Sep. 2021 – Apr. 2022

Software Developer (Full Stack)

- Utilize git version control and AWS LightSail to host our development environments.
- SDLC processes to create and maintain Drupal websites for ThinkBox312 and various other clients such as Harvard Medical School (DICP/BSCP/CFF) and Exelon Corporation.
- Utilize Adobe XD to create wireframes for projects/opportunities.
- Modify PHP Drupal modules for one-off changes or fixes.

United States Geological Survey

Rolla, MO

Full Stack Developer (Contractor)

Dec. 2019 - Jul. 2021

- Create various functionalities for a Leaflet app with US topological data layers such as structures, roads, and hydrography data.
- Design, implement, and test SPARQL query builder with topological data layers in Javascript.
- Implement/maintain two Drupal websites inside Docker containers.
- Manage multiple servers for CEGIS department apps.

National Information Solutions Cooperative (Remote: COVID-19)

Lake St Louis, MO

Software Developer Intern (Java)

Jun. 2020 - Dec. 2020

Education

Missouri University of Science and Technology

Graduate

B.S. Information Science and Technology

Minors: AI & Machine Learning in Business, Business Analytics and Data Science, Business Applications and Software Development, Cybersecurity Management and Information Assurance

Personal Work

Company/Company Website (2021 - Present) – Started an LLC to publish my works in the future as well as creating a company website to host information about current company projects. The website allows for full integration of feedback data to be posted from my games into an admin dashboard on the company website.

2d RTS Simulation Game (2021 - Present) – A real time strategy game written in C# where you play as the Director of an intelligence agency trying to maintain your position of influence.

MyHomeLife App (2022 - Present) – A MySQL/Epress/React/Node (MERN) app wrapped in a Docker container. The app has functions for everyday life, bills, user authentication/JSON API endpoints for data manipulation, and more.

Published Works

Orc ID - <https://orcid.org/0000-0001-9828-0394>

Abstract – USGS, Center for Environmental and Geographic Information Services, et al. *Applying the Semantic Web to The National Map Data*, Cartogis, 2020.

Service & Volunteer

A+ Tutor Program

Saint Louis, MO

Aug. 2014 - 2015

- Assisted elementary students in their science, reading, and math
- Helped provide support for faculty with activities after school

Sexual Assault Awareness Week

Rolla, MO

Wings and Rings Fundraiser

Nov. 2017

Russell House Clean Up and Preparation

Jefferson Barracks Mulching and Rolla Lion's Club Trail Maintenance

Harvesters Warehouse Can and Food Sorting

Aug. 2022 – Nov. 2022

Honors & Activities

Missouri Access Grant from maintaining 2.5 or greater

Sigma Phi Epsilon Fraternity - 1 Yr, SIG Security – Member