

Joseph Egan

Full Stack Software Developer

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As a Full Stack Developer specializing in front-end UX design, I excel in creating user-centric solutions and managing comprehensive web development projects. Proficient in HTML5, CSS3, JavaScript (ES6+), React, Node.js, I strive to find the simplest solutions, simple is strong. My strengths include strong problem-solving skills and a proactive approach to optimizing workflows in collaborative environments.

Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Python, JSON

Frameworks/Libraries: React, Flask, D3, Axios, React-router, Redux, Node, Werkzeug, Jinja, SQLAlchemy, Numpy, FastAPI

Databases: SQL, Redis

Tools/Dev Ops: Github, RESTful APIs, VScode, Figma

Certifications: Coding Temple - Full Stack Software Engineer

Education: Associate of Applied Science – Web Application Development

Projects

TRAJ_Hub (*Python, JSON, TypeScript, HTML, CSS, Render, Flask, React-router, SQL, Git, Netlify, Node.js, Supabase, FastAPI, Jinja, Werkzeug, playwright*) <https://traj-hub.netlify.app/>

- Designed and implemented 181,000 line meta data API
- Leveraged React's router-dom with a custom back-end to allow members to customize the front-end details with ease using the powerful yet simple API
- Implemented simple Sql database using Supabase to keep track of member data, images, and links
- Spent literal weeks testing pages, routes, and responsiveness using playwright.
- Included a simple click game just for fun

CryptoHindsight (*Data Visualization, Python, JSON, D3.js, TypeScript, HTML, CSS, Render, Flask, React-router, Axios, SQL, Git, Netlify, Node.js, SQLAlchemy, Jinja, Werkzeug*) <https://dashing-manatee-d2c1ef.netlify.app/>

- Designed and implemented a back-end server using flask and python to handle communication and setup of user profiles
- Leveraged React's router-dom in tandem with Axios to create smooth, responsive API calls
- Employed D3.js to create custom data visualizations
- Implemented a relational database schema to efficiently store and retrieve user information, optimizing data and archiving user preferences
- Conducted thorough testing of the site and paths, including unit testing and integration testing, to identify and resolve potential bugs and ensure the reliability and stability of the system

Cakes by Liv (*JavaScript, HTML, CSS, Render, Flask, Figma, React-router, Git, Netlify, Node.js*)<https://deft-beijinho-915795.netlify.app/>

- Designed full service e-commerce website using Figma in adherence to customers wishes
 - Created fluid responsive interface to work across multiple devices
 - Employed simple and efficient coding for minimal downtime
 - This site is still under construction at the request of the customer
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Experience

Software Engineer Student: *Coding Temple*

OCTOBER 2023 – FEBRUARY 2024

- Immersed in Software Development: As a student, engaged in the exciting world of coding and technology, where innovation meets problem-solving
- Strengthening Skills with Each Project: With each line of code, enhance my understanding of software design and development principles
- Enthusiastic Learner: enthusiastically embrace the challenges of learning new programming languages and frameworks
- Beyond Technical Skills: My academic journey is not just about acquiring technical skills but also about fostering a mindset geared towards continuous learning and adaptation
- Adapting to Industry Changes: Committed to staying relevant in the ever-evolving tech landscape

Pipefitter: *Wellons Inc.*

MAY 2019 – Today

- Expertise in Pipefitting and Welding: Proficient in identifying and implementing innovative strategies to enhance the efficiency and precision of product fabrication
 - Proactive Problem Solving: Focus on preemptive identification and resolution of issues to ensure safety and reliability in high-stakes environments
 - Translating Skills to Software Development: Vigilance from pipefitting and welding translates into my software studies, where each problem is viewed as an opportunity for inventive solutions
 - Keen Eye for Detail: My time on the shop floor has sharpened my attention to detail, now applied to crafting robust code and developing resilient applications
 - Cultivating a Solution-Oriented Mindset: My educational journey is centered not just on mastering technical skills but on fostering a proactive, solution-oriented mindset that thrives on constant learning and adaptation in the dynamic tech industry
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Education

Portland Community college, *Associate of Applied Science – Web Application Development – 12/25*

Coding Temple, *Certificate - Software Engineering – 3/24*