Joseph Egan

Full Stack Software Developer

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As a Full Stack Developer with a specialized focus on front-end UX design and implementation, I bring extensive experience in crafting user-centric solutions and managing end-to-end web development projects. Proficient in implementing a comprehensive tech stack, including HTML5, CSS3, JavaScript (ES6+), React, Node.js, and modern frameworks, I ensure the seamless integration of design and functionality to meet the specific needs outlined in job descriptions. Beyond technical expertise, I excel in collaborative environments, bringing strong problem-solving skills and a proactive approach to optimizing workflows and enhancing team productivity.

Skills

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

Frameworks/Libraries: React, Flask, D3, Axios, React-router, Redux, Node, Werkzueg, Jinga, SqlAlchemy, Numpy

Databases: SQL, Redis

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

Certifications: Coding Temple - Full Stack Software Engineer

Projects

CryptoHindsight *(Data Visualization, Python, JSON, D3.js, TypeScript, HTML, CSS, Render, Flask, React-router, Axios, SQL, Git, Netlify, Node.js, SqlAlchemy, Jinja, Werkzueg) 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.
- Upgrades to functionality, efficiency, and utility are ongoing.

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 multipule 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 – FEBUARY 2024

- Immersed in Software Development: As a student, I am deeply engaged in the exciting world of coding and technology, where innovation meets problem-solving
- Strengthening Skills with Each Project: With each line of code, I enhance my understanding of software design and development principles.
- Enthusiastic Learner: I 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.

CNC Machinist: *Ascentec Inc.*

MAY 2022 – FEBUARY -2023

- Experience as a CNC Machinist: Working in this role provided the foundation for understanding and executing coded instructions in a physical environment
- Linking Physical and Digital: My experience helped bridge the gap between physical machinery operations and digital coding functions
- Hands-On Learning: I gained hands-on experience in testing and executing functions, mirroring coding processes in the digital world.

Pipefitter: Wellons *Inc.*

MAY 2022 – FEBUARY -2023

- 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.

Education

Coding Temple, *Certificate - Software Engineering*