Alissa Troiano

Software Developer

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Executive Summary

A results-driven Software Developer with experience developing high-quality, scalable, and maintainable software through client work, hackathons, and personal projects. Known for collaborating with cross-functional teams, participating in code reviews, and providing constructive feedback to enhance code quality. Comfortable operating on the frontend and backend. A fast learner, with the capacity to quickly adapt to new technologies and frameworks. Seeking an opportunity to join a thriving team and deliver software that solves business goals.

Skills

Languages: JavaScript, HTML, CSS, GraphQL, SQL, Python Database: Postgres, MySQL, MongoDB, SQLite3

Frontend: React, Bootstrap, Typescript, Three.JS

Backend: Node.js, Express.js, RESTful APIs, Django, Flask

Version Control: Git, GitHub

Cloud: AWS, Heroku, Google Cloud, CI/CD Pipelines

Professional Experience

08/2021 - Present

Freelance Software Developer, https://alissatroiano.com

- Analyze competitors, compile market research, and write user stories to define client objectives
- Perform situational analysis and make trade-off decisions to define software features
- Create user flowcharts, wireframes, and prototypes to guide development phases
- Use marketing background to craft branded design solutions for each client

09/2024 - 11/2024

Website Developer, https://coastva.org/

Developed a data-driven girls' lacrosse club website with Google Sheets integration.

- Designed a clean, user-friendly interface using CSS, aligning with the brand's visual identity.
- Created and managed .CSV data files and Google Sheets for dynamic content updates.
- Automated data synchronization by writing Google Apps Scripts to enable seamless frontend integration.
- Developed custom JavaScript to dynamically render data across various sections of the website.
- Implemented GitHub workflows to automate deployments triggered by Google Sheets updates.
- Delivered comprehensive screencast tutorials for the client, demonstrating site management and data updates

09/01/2023 – 11/01/2023 - Freelance Software Developer, OBBA BBQ (Remote) OBBA QR Page

Led the redesign of a storefront wait queue page for a Korean BBQ Restaurant chain in Singapore

- Researched and implemented various ReactJS web technologies to improve application performance
- Updated application design and layout to satisfy client and customer concerns
- Developed brand-specific content, design, layout and color scheme for web application using CSS and ReactJS

Education and Certifications

Diploma in Software Development, Code Institute (01/2020 - 07/2021)

Bachelor of Science, Advertising Marketing & Communications, Fashion Institute of Technology (12/2009 - 05/2012)

Activities

01/2022 - Present: Hackathon Mentor and Organizer

https://hackathon.codeinstitute.net/

Organize and oversee monthly hackathon challenges

- Organize monthly hackathons and mentor junior developers in React.js and Agile workflows.
- Conduct pull request reviews and introduce students to version control best practices.
- Provide real-time guidance on data visualization, UI/UX optimization, and problem-solving strategies.

07/2021 - 06/2022 - Beta Tester, GitHub Copilot

https://github.com/features/copilot

Tested the GitHub Copilot AI extension for bugs and unexpected behavior during its' technical preview phase.

- Monitored AI behavior by using the extension in local development environment
- Documented bugs, prediction patterns, and unexpected behavior
- Shared observations and bugs with the GitHub Copilot technical preview community

Honors and Awards

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07/16/2022 | 1st Place, Code Institute Hackathon | Emojourney | Travel Guide (HTML, CSS, Bootstrap, JavaScript)
06/20/2022 | 1st Place, Code Institute Hackathon | Inklusion | Pride Art Gallery (HTML, CSS, Bootstrap, JavaScript)
04/22/2022 | 1st Place, Code Institute Hackathon | Electrillo | EV/Fuel-Tool (JavaScript, HTML, CSS, JSON)
02/28/2022 | 1st Place, Code Institute Hackathon | Smitten | Word Game (JavaScript, HTML, CSS, JSON)
11/28/2020 | Merit, Code Institute Milestone 2 Project | Game of Facts | Trivia (JavaScript, jQuery, HTML, CSS)
07/10/2020 | Distinction, Code Institute Milestone 1 Project | Infinity | Landing Page (HTML, CSS, Bootstrap)
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