

JEFFREY MARTINEZ

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TECHNICAL SKILLS

Skills: Ruby, Python, JavaScript, PHP, HTML, CSS, Java, Node, Angular, TypeScript, Shopify, WordPress, Sass, React, jQuery, MySQL

EDUCATION & CERTIFICATIONS

Google IT Support Professional Certificate 06/2025
Microsoft Azure Fundamentals Training 02/2025

Bellevue University, Bellevue, NE

Master of Science in Computer Information Systems 08/2024 - Current
Bachelor of Science in Software Development – Summa Cum Laude, GPA: 3.95, ([Diploma](#)) 06/2023

Flatiron School, New York, NY

Certificate in Software Engineering Bootcamp, ([Certificate](#)) 11/2020

PROFESSIONAL EXPERIENCE

Junior Software Engineer, Flexible IT Systems, Hauppauge, NY 06/2025 – Current

- Enhanced the internal management system by implementing dynamic error messages with Tailwind CSS styling to prevent employees from requesting time off on holidays.
- Resolved bugs and enhanced client and employee experience by utilizing TypeScript for robust error handling and increased application stability.
- Contributed to developing the backend server for *Pinpoint*, a de-escalation service primarily used in medical centers, utilizing Express.js, Node.js, and MongoDB

Software Engineering Technical Coach, Flatiron School, New York, NY 05/2021 – 06/2024

- Delivered 43 workshops on programming concepts and best practices, empowering over 6,000 students through mentorship, debugging, and lifecycle principles.
- Produced team documentation and standard operating procedures (SOPs), streamlining processes for onboarding new hires.
- Managed tasks and collaboration with JIRA, Git, and Discord while resolving hardware and software issues via Zendesk Support, guided students in setting up development environments, and taught version control using Git and Github.

Ecommerce Specialist, Garment Printer Ink, Hauppauge, NY 03/2020 - 01/2022

- Crafted user-friendly Liquid templates to simplify web maintenance, saving the content team an average of 10 hours per week on updates for new products and features.
- Customized Shopify themes using HTML, CSS, and JavaScript, ensuring the site remained responsive and visually appealing across devices.
- Utilized Klaviyo and MJML to design and deploy email campaigns that effectively marketed new products and boosted customer engagement.

TECHNICAL PROJECTS

GuitarStore (Next.js) | [Live](#) |

Created an e-commerce platform for musical instruments with a seamless user interface to enhance shopping.

- Integrated Stripe API for secure, real-time payment processing and different payment methods, and applied Tailwind CSS for a responsive, modern design.

St.Kilian Spanish Ministry Website | [Live](#) | **In-Progress**

Redesigning and developing a modern Next.js-based website to enhance engagement and communication within the Spanish community.

- Integrated ChatGPT API to assist users with questions and provide real-time interaction while implementing Klaviyo for newsletter subscriptions and EmailJS for seamless email forwarding through forms and registrations.
- Utilized Axios to scrape and display the daily gospel and weekly bulletins from the St. Kilian main site.
- Integrating GA4 (Google Analytics) to track user activity, monitor engagement, and optimize platform performance.

The Guild Education Replica | [Live](#) |

Constructed a Fortune 1000 education management app, to support working professionals and parents with educational assistance.

- Incorporated Amazon S3 for secure storage of images and uploaded files within a Ruby on Rails application.
- Structured PostgreSQL tables for managing students and course enrollments, and deployed the application on Heroku for scalability.

Disney Vacation Club E-Newsletter (Email) | [Live](#) |

Designed an email newsletter for DVC, to engage readers on events and on promotions.

- Crafted with the MJML Framework, optimizing for responsive design and seamless performance across various email clients and devices.