

Emily Castillo

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Full Stack Web Developer with 3+ years of experience designing and building scalable, customer-facing applications with a strong emphasis on frontend development (React, TypeScript, Next.js) and reusable UI components. Skilled in integrating RESTful APIs, AWS cloud services, project management and DevOps. Experienced in partnering with cross-functional teams to translate requirements into intuitive, high-performance interfaces, mentoring junior developers, and delivering impactful features that enhance user experience.

PROFESSIONAL WORK EXPERIENCE

Full Stack Web Developer, College of the Holy Cross, Worcester, MA August 2022-August 2025

- Led development of customer-facing systems including the Secure File Transfer revamp and Equipment Replacement System, building scalable front-end interfaces with React, Next.js, TypeScript, and back-end services with Node.js, AWS Lambda, DynamoDB, and S3
- Designed and implemented reusable UI component libraries (MantineUI, MUI, TailwindCSS, daisyUI) to create brand-consistent experiences
- Mentored junior developers and interns, providing technical guidance, code reviews, and pair programming to improve code quality and knowledge sharing
- Partnered with cross-functional teams (Faculty, Marketing, and ITS) to define scope, translate requirements into solutions, and deliver features that improved workflows across departments
- Collaborated on the development of a Zoom ChatGPT bot using the OpenAI API, debugging and optimizing post-release performance
- Established project repositories, CI/CD pipelines, automated testing, and deployment documentation (including project-specific testing checklists) to ensure reliable releases
- Actively contributed in sprint planning meetings, backlog grooming, and stakeholder demos to ensure alignment with business and customer needs

Full Stack Web Developer, Resilient Coders, Boston, MA March 2022-August 2022

- Built full-stack web applications with React, Next.js, Node.js, integrating RESTful APIs and third-party services for enhanced product functionality
- Implemented responsive, performant interfaces with modern front-end best practices
- Collaborated in Agile teams to architect scalable solutions and deliver projects on time.
- Partnered with clients to define technical requirements and deliver robust, maintainable solutions aligned with business goals

International Admissions Counselor, WPI, Worcester, MA September 2020-March 2022

- Managed multiple recruitment projects across Asia, leveraging Salesforce and Tableau for data analysis and strategy building
- Collaborated with internal and external stakeholders to drive initiatives that increased diversity in STEM admissions

LEADERSHIP

Chapter Member, Latinas in Tech Boston, Boston, MA August 2022-Present

- Volunteer as part of the recruiting committee to develop a recruitment strategy, creating monthly newsletters with Mailchimp and events to engage and bring in new members
- Connect, support, and empower Latina women working in technology

EDUCATION

College of the Holy Cross, Bachelor of Arts, International Studies & Chinese Worcester, MA

SKILLS

Frontend: React, TypeScript, Next.js, HTML5, CSS3, TailwindCSS, MUI, MantineUI, daisyUI

Backend: Node.js, Ruby, Ruby on Rails, Serverless, Express

APIs & Testing: RESTful APIs, Jest, RSpec, Mailchimp Developer

Cloud & DevOps: AWS (Lambda, S3, DynamoDB, EC2, ECS), CI/CD, Git

Databases: DynamoDB, PostgreSQL, MySQL, MongoDB

Data & CRM: Salesforce, Power BI, Tableau