

Joseph Pedicini

BS Computer and Information Science - The Ohio State University, Columbus Ohio - May 2014

[LinkedIn](#) • [Personal Site](#) • [Github Profile](#)

Hi there, thanks for taking the time to read my resume. If you are reading this I imagine you are considering working with me. Why me? I will use the Japanese philosophy Ikigai to answer this question.

Passion:

My passion lies in teaching and mentoring, and nothing matches the thrill I get when I witness someone's "lightbulb" moment. Whether it's teaching children in Cuernavaca, Mexico, instructing a high school computer science class in the Bronx, or more recently, mentoring at a Fullstack Academy bootcamp, I have devoted many years to pursuing my passion for teaching.

Profession:

With 11 years of experience in software development, I have proven my expertise in overcoming unique technical and personal challenges. My most notable achievement was leading the frontend development for Amazon's One Medical integration. This project had a tight deadline, unique technical constraints, and required managing a newly formed team. My tasks included handling the transition from remote to office work, leading a team of junior engineers with no prior web development experience, and overcoming communication issues inherent in a new team. Technically, I innovated the Amazon Health division's UI building approach by enhancing the existing no-code builder to include remote-hosted custom react widgets.

Vocation:

Since February 2023, I've guided over 20 individuals in their software development careers. This typically involves helping them build their own product from scratch while also enhancing their soft skills, such as confidence, time management, and communication. I genuinely love having the opportunity to help people reach their goals as software developers.

Mission:

My mission is to rectify the software development industry's approach to nurturing new talent. I've witnessed numerous talented and motivated individuals being misguided or focusing on irrelevant aspects, resulting in wasted potential. I envision a world where learning software development is accessible, enabling more visions to be transformed into tangible products.

Work Experience

CleverApply
Chief Technology Officer

January 2024 – present
Remote employee

- Leading the technical vision and strategy for CleverApply that fosters integrations with university systems and third-party educational platforms.
- Guiding the technical team in the development and implementation of software solutions, ensuring efficient and secure application and enrollment processes for universities and applicants. Lead the transition from the Bubble platform to more adaptable and scalable solutions.
- Build and maintain robust partnerships with university IT departments and third-party vendors to ensure the successful integration of CleverApply's services.
- Lead the creation of APIs, web services, and other necessary technical tools to enable interoperability with various external databases, software, and technological infrastructures.
- Oversee the entire lifecycle of technical projects from conception to deployment, including project scoping, scheduling, resource allocation, and the preparation of detailed technical documentation and training materials.
- Ensure that CleverApply's technology stack meets the organization's current and future needs and adheres to industry standards and best practices.
- Monitor and ensure the security and privacy of CleverApply's platform, particularly with respect to the management of sensitive educational data and its exchange with external entities.
- *Main Technologies Used:* Bubble.io, Node.js

Amazon Health
Frontend Engineer II

April 2022 – February 2024
Remote employee

- Played a key role in launching [Amazon Health's One Medical offering](#), and successfully completed my workstream ahead of schedule.
- Designed the frontend architecture for the entire system that connected Amazon Retail and One Medical, enabling customers to sign up for One Medical through Amazon using their prime account.
- Created an independent repository for building React components and implemented a pipeline to bundle them into separate JavaScript bundles.
- Simplified technology choices to accommodate a team with little frontend development experience, including simple state management and heavy use of internal component libraries.
- Set up developer tools like Requestly to allow local code testing within the production Amazon retail environment.
- Led the technology design for the landing and checkout pages, ensuring quick content changes managed by the marketing team, compliance with accessibility standards, and compatibility across various devices including mobile web and Amazon's mobile app.
- Implemented code to integrate with Amazon Billing and Address widgets. These widgets were implemented using a different design system and are server rendered. To address discrepancies between design systems, the HTML needed to be fetched with ajax and injected into the page within a shadow DOM.
- *Main Technologies Used:* React, webpack, various internal tools/frameworks

Battleface*Senior Software Engineer*

September 2021 – April 2022

Columbus, OH / remote

- Served as the lead frontend developer and senior Angular expert, providing frontend guidance to the engineering team and leading the [US Direct to Consumer product](#).
- Improved site reliability by implementing strict production deployment standards. This included creating a deployment schedule and deployment plans, as well as a template for tracking production outages. Additionally, I implemented a 3rd party UI testing tool called "Ghost Inspector" and integrated the tests into the build pipeline.
- Conducted comprehensive analysis of the frontend codebase, identifying and resolving maintainability and scalability issues, and devised a plan to migrate all new functionality to a new microapp repository using cutting-edge frontend tools and best practices in Nx and Module Federation API, improving overall application architecture.
- Collaborated closely with design and product teams to develop a design system and corresponding code library that enabled rapid prototyping, efficient A/B testing, fully responsive components/layouts, and consistent UI across projects.
- *Main Technologies Used:* Angular 12, Nx, Storybook, MySQL, AWS, Kubernetes

Cota Healthcare*Senior Software Engineer*

February 2019 – September 2021

Remote employee

- Successfully led the redesign and rewrite of a complex abstraction tool from Ember to Angular, enhancing application performance and maintainability and supporting over 400 internal data abstractors.
- Designed and architected innovative functionality that streamlined the comparison and grading of large, complex data sets, replacing inefficient Excel-based processes.
- Collaborated closely with internal users and backend developers to implement new features and improvements tailored to user needs.
- Identified and implemented performance improvements for displaying massive amounts of data on screen, optimizing API request handling.
- Implemented a robust E2E test suite for the frontend application, integrating it into the code review process for improved quality assurance.
- *Main Technologies Used:* Angular (8+), Scala, Elixir, Node.js, Postgres, GCP (CDN, Storage, functions, stackdriver), Kubernetes, Auth0

Cota Healthcare*Software Engineer | Frontend Developer | QA Engineer*

October 2016 – February 2019

New York / Remote employee

- Built an internal data abstraction application from initial design to release, providing ongoing production support and feature enhancements.
- *Main Technologies Used:* Ember.js, Node.js, Scala, Postgres, Elasticsearch, AWS (S3, SQS, EC2), Auth0

JPMorgan Chase & Co.*Applications Developer*

August 2014 – October 2016

Columbus, OH / Jersey City, NJ

- Worked on a small, co-located agile team as a full-stack developer, involved in the entire software development lifecycle for three applications from design phase through production support, with over 200,000 internal users.
- *Main Technologies Used:* AngularJS, Swift, C#.NET, Java, MSSQL, Cucumber, Selenium

Other Experience

MentorCruise Mentor (2023) | [Profile](#)

- I help early career software engineers develop real-world skills through personal project development, pair programming, and interview prep.

FullStack Academy Amazon Career Choice Mentor (2023)

- Mentored a cohort of ~40 Amazon employees for a 6 month web development bootcamp.

Africa Bridge (September 2014 – present)

- I set up a mobile solution for data collectors in villages in Tanzania to enter data on mobile devices and upload data to a Google App Engine server using the open source library ODK and provide additional technical support.

TEALS (June 2016 – June 2017)

- I taught high school introduction to computer science class twice/week using Skype, responsible for lesson planning, lecturing, and grading.