Joseph Pedicini

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

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

I have 10 years of experience as a technology generalist. My specialization lies in collaborating with cross-functional teams to deliver scalable web applications within budget and on time. I am passionate about fostering strong team morale by leading with empathy and prioritizing the improvement of developer quality of life whenever feasible.

Work Experience

Amazon Health   April 2022 – present
Frontend Engineer II   *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   September 2021 – April 2022
Senior Software Engineer   *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.