

Joseph Pedicini
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Results-driven Senior Software Engineer with over 10 years of experience specializing in frontend development and team management. Proficient in modern web technologies including React, Angular, Ember.js, Node.js, and more. Skilled at leading cross-functional teams, mentoring junior developers, and driving projects to completion.

Skills

Frontend Development: React, Angular, Ember.js, HTML5, CSS3, JavaScript, TypeScript

Backend Development: Node.js, Scala, Elixir

Database Technologies: Postgres, MySQL, Elasticsearch

Cloud & DevOps: AWS, GCP, Kubernetes, Docker

Leadership & Management: Team building, mentoring, Agile/Scrum, interviewing & hiring

Performance Optimization & Testing: Unit testing, E2E testing, performance profiling

Work Experience

Amazon

Frontend Engineer II

April 2022 – present

Columbus, OH / remote

- Spearheaded the front-end development of the high-traffic Amazon Health / One Medical landing page, attracting ~700,000 page views on its first day.
- Drove technology selection and documentation processes for front-end projects, ensuring optimal choices for efficient and innovative solutions.
- Mentored junior engineers, fostering their growth in front-end development best practices and strengthening overall team expertise.
- *Main Technologies Used:* React, 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 technical guidance and expertise to the engineering organization.
- Cultivated a culture of excellence in frontend development practices, emphasizing reactive programming, functional programming, unit testing, and scalable programming principles.
- Streamlined the hiring process, recruiting multiple engineers and leading a team of 3 junior engineers to success.
- Conducted comprehensive analysis of the frontend codebase, identifying and resolving maintainability and scalability issues, resulting in more efficient release processes.
- Devised 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.
- 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.
- Mentored 2 junior developers, one of whom had no prior coding experience, ultimately leading them to secure a position as the 3rd engineer at a mental health startup.
- *Main Technologies Used:* Angular (8+), Scala, Elixir, Node.js, Postgres, GCP (CDN, Storage, functions, stackdriver), Kubernetes, Auth0

Cota Healthcare

October 2016 – February 2019

Software Engineer

New York / Remote employee

- Built an internal data abstraction application from initial design to release, providing ongoing production support and feature enhancements.
- Implemented comprehensive unit and end-to-end tests for key data entry components, ensuring application reliability and accuracy.
- Assumed the lead developer role for an external data visualization application, delivering a successful release to the client while simultaneously managing the internal abstraction tool.
- Identified and resolved various performance issues, improving application speed, reliability, and user experience.
- Mentored a junior developer in taking over a Node app for parsing and ingesting CSV data dumps, fostering their growth and expertise.
- *Main Technologies Used:* Ember.js, Node.js, Scala, Postgres, Elasticsearch, AWS (S3, SQS, EC2), Auth0

JPMorgan Chase & Co.

August 2014 – October 2016

Applications Developer

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.
- Helped lead the charge for our team to adopt TDD as well as BDD and redefined our QA process, moving away from manual testing toward automated testing.
- Volunteered to lead and present a pitch to senior management for why we should build an upcoming project in-house as opposed to buying from a vendor.
- Played the scrum master role for one of our applications; managing the JIRA board, running scrum calls, and working with the business analyst on managing user stories.
- Fixed and refactored broken and unmaintainable UI acceptance tests to make it easier for the team to meet the goal of having UI tests for every story.
- *Main Technologies Used:* AngularJS, Swift, C#.NET, Java, MSSQL, Cucumber, Selenium

Volunteer Experience

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.

Dublin HS

September 2018 – June 2019

I help mentor students in a weekly computer science club.

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.

Education

The Ohio State University, Columbus Ohio

Graduated – May 2014

Bachelor of Science in Computer and Information Science

G.P.A. – 3.290