Filipe Miranda

Full Stack Software Engineer // Boston, MA

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Relevant Experience

Buoy Health

Buoy is a digital tool that aims to help people make the best possible decisions about their health.

Lead Software Engineer since July 2021
Senior Software Engineer June 2020 to July 2021

Care Marketplace team // Boston, MA

I'm a lead engineer on the team that directs people to the most appropriate health care providers, working across the stack to develop and release new user-facing features and products. A large part of my role has also been that of an advocate for better quality-assurance as our engineering organization grows. In practice, that has involved work like identifying and removing roadblocks to wider adoption of automated testing and static analysis, as well as educating teams on how to get the most out of these tools.

SmarterTravel *4 years*

SmarterTravel was a subsidiary of TripAdvisor that owned and operated a large network of travel-content sites as well as the leading travel ad network. I was fortunate to work across the stack on both sides of the business during my four years there.

Software Engineer December 2017 to May 2020

Sites Team // Boston, MA

I was a member of the small team that developed and maintained a network of travel-content sites and its associated services. There I led the effort to incrementally modernize our frontend using React, Typescript, and Storybook. I worked closely with product to scope and implement features across the stack, from our many Java Spring Boot services to our data ETLs and pipelines. I also worked on our CI pipelines and assisted in the move towards Amazon AWS.

Integration Engineer May 2016 to December 2017

SmarterAds Team, // Boston, MA

I initially joined SmarterTravel as an Integration Engineer on our ad syndication team. I started by writing custom JavaScript for new partners that would make it trivial to integrate their sites with our platform. I quickly moved on to contribute new features and products across the stack, developing on our frontend SDK, our React admin tools, and our backend Spring Boot syndication service.

Cornerstone Research *4 years*

Cornerstone Research is an economic consulting firm that does research and analysis for expert witnesses who testify in commercial and financial legal cases. I wore a lot of different hats during my time there: team manager, researcher, analyst, even recruiter.

Research Associate July 2014 to January 2016
Senior Analyst July 2013 to July 2014
Analyst January 2012 to July 2013

Boston, MA

At Cornerstone, I was responsible for managing teams of analysts executing statistical, economic, and financial analyses in support of expert witnesses testifying in trial. This is also where I first learned I loved to code. The cases I worked on involved estimating the impact of financial crises on the performance of a major mutual fund family, implementing statistical tests to detect improper trading by mutual fund managers, and measuring the effect of a firm's allegedly fraudulent marketing on the sales of its primary competitor. Finally, I also led the recruitment efforts to hire 18 new analysts which involved training new interviewers, coordinating on-campus events across New England, and personally interviewing over 100 candidates.

Skills

Languages

JavaScript (ES6+), TypeScript, Java, Python, SQL, CSS/Sass, HTML5, R, SAS

Software/Frameworks

React, Redux, Spring Boot, Django, Node.js, Express, PostgresSQL, MySQL, Redis, DynamoDB, AWS, Jenkins, Hystrix, Gatsby, Storybook, Jest, Kubernetes, Rails, d3.js

Education

Launch Academy

February to May 2016

Software Engineering Bootcamp

Tufts University

September 2010 to December 2011

M.S. Economics

Santa Clara University

February to May 2016

B.S. Mathematics, *cum laude*
Minor in English

Volunteering

Samaritans

since January 2014

Suicide crisis line volunteer, trainer, and mentor.

Code for Boston

September 2019 to March 2020

Other Tidbits

I am a native Portuguese speaker, a rock climber, and a lover of music and the written word.