Timothy Alander

Technical Lead / Senior Software Engineer, Web Applications

(203) 804-9339
tim.alander@gmail.com
github.com/timalander
alander.lol

EXPERIENCE

Teachers Pay Teachers, New York, NY— *Technical Lead & Engineering Manager*

February 2020 - Present

Leading a team of full-stack engineers developing rich web applications to assist educators across the world.

- Developed auto-grading capabilities on digital learning assessments used by tens of thousands of students on a weekly basis.
- Implemented event-driven architecture to scale microservice communication

Barstool Sports, New York, NY— *Senior Software Engineer*

June 2014 - April 2015, February 2019 - February 2020

Senior member of a high throughput and nimble engineering team that has shipped four distinct products in the past year.

- Architected and built the frontend for Barstool Bets, a free-to-play gambling application that allows users to place bets in real time on live sporting events. Built in React and Mobx/Redux.
- Overhauled the OneBite.app web application using modern server-side rendering techniques to improve page speed and SEO viewability. Built in NextJS, React and Mobx/Redux.

ConsenSys, New York, NY — *Senior Software Engineer*

April 2018 - February 2019

Developed frontend focused projects at a fast growing cryptocurrency startup.

- Helped develop Balanc3, a Quickbooks competitor that facilitated seamless bookkeeping for crypto-native companies. Built in React and Redux.
- Integrated natively into the Ethereum and Bitcoin blockchains to automatically scrape transaction data and classify appropriate accounting metadata.

DraftKings, Boston, MA — *Senior Software Engineer*

April 2015 - April 2018

Built responsive React web applications that supported complex user interaction for Daily Fantasy Sport games.

- Drafting a lineup of players from a massive data set while adhering to sport specific rulesets.
- Successfully migrated the majority of legacy ASP.net MVC features to React/Redux stack driven by microservice API layer, all with zero interruption to site functionality.

SKILLS

9 years of professional full-stack web application development.

React, Node, NextJS, SQL

Typescript, Javascript, Python, Solidity

EDUCATION

Tufts University
BA, Computer Science
2010 - 2014