Joseph Agnelli

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(603) 707-6626

Experience

Senior Frontend Engineer

Covet By Christos   12/2023 - Present

- Architected and built a high-scale luxury livestream shopping platform in Remix, supporting thousands of concurrent users.
- Designed and implemented core frontend infrastructure, optimizing load times and interactivity.
- Led a team of 1 junior engineer and 2 contractors, driving technical direction and code quality.
- Built a notifications system leveraging HubSpot and Cloudflare Workers, sending daily reminders to engaged users.

Front End Engineer (Growth)

Meta • San Francisco, CA   01/2021 - 11/2022

- Led development and experimentation for growth initiatives, running 20+ A/B tests that improved revenue by >1% for Meta Ads Manager.
- Translated complex Figma designs into performant React-based user interfaces.
- Collaborated cross-functionally with product managers and designers to optimize growth features.
- Drove frontend best practices, ensuring code quality, performance, and accessibility.

Front End Engineering Intern

Meta • Menlo Park, CA   01/2020 - 04/2020

- Built a VSCode TypeScript plugin for static code analysis, improving debugging efficiency.
- Created automated Babel codemods, reducing package sizes, increasing security, and improving maintainability.

Software Engineer Intern

Uber • San Francisco, CA   05/2019 - 08/2019

- Optimized Babel & Webpack compilation for FusionJS, improving build performance by ~2% through parallelization.
- Developed automation scripts using GitHub Actions to track and prevent regression in compilation speed.

Recent Projects

ChessFightAi - A website allowing users to write and submit a chess bot to compete in competitions with other users. Built with a React & TypeScript frontend and using a MongoDB and Python with Flask backend.

Skills

- Expert in React, JavaScript, TypeScript, Remix, Next.js, and modern frontend architecture.
- Strong problem-solving skills with a focus on performance and scalability.
- Experienced in A/B testing, data-driven decision-making, and growth engineering.
- Proficient in REST, GraphQL, test automation, CI/CD, Webpack, Babel, and cloud functions.

Education

Web and Mobile Computing & Human Centered Computing

Rochester Institute of Technology (Dual Bachelors) • Rochester, NY   12/2020

Dual Major, Dean's list all semesters, Vice President of LocalHost (tech-talk club), Rock Climbing Team