Zach Weinberg

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Experience

Sep 2023 - Present

NerdWallet – Senior Software Engineer

Node.js, TypeScript, Next.js, AWS, CDK, GraphQL, Datadog, React Native, PostgreSQL

- Maintaining collections of frontend applications displayed to millions of users
- Using Lambda, S3, SQS and other cloud services to support credit card pre-approval systems
- Architecting credit card recommendation engines to increase revenue effectively using a data driven approach
- Converting legacy React apps to Next.js
- Helping to migrate code to a serverless architecture on AWS (Lambda, ECS, RDS, etc)
- Implementing frontend UI based off of Figma designs
- Working across teams to plan technical solutions (product and finance teams)
- Enabling other engineers to learn and be productive on the team

Jan 2023 - Aug 2023 **(Acquired by Wonder)**

Relay Delivery – Senior Software Engineer

Node.js, AWS, Docker, TypeScript, React, Next.js, Socket.io, MongoDB, PostgreSQL, Jenkins

- Responsible for real-time support applications, facilitating seamless communication between support teams, customers and delivery couriers
- Maintained numerous React apps backed by a real-time socket based architecture
- Identified business challenges and designed engineering solutions to make the customer support system more efficient
- Identified improvements to be made within a distributed system in AWS
- Helped optimize and maintain delivery infrastructure supporting over 30,000 daily orders

Nov 2021 - Dec 2022

Opendoor – Full Stack Software Engineer

Node.js, Google Cloud, TypeScript, React, GraphQL, Firebase, gRPC, SQL, Next.js, TailwindCSS, Figma

- Led refactors of frontend and backend services in TypeScript
- Worked closely with mobile engineers to design and build our REST API's
- Built deployment flows using Google Cloud
- Reviewed code and helped mentor other engineers
- Helped product and design teams estimate engineering capacity
- Continuously improved our product based on customer feedback and analytics
- Helped maintain our React Native project to support our Android app

Apr 2020 - Nov 2021 **(Acquired by Opendoor)**

RedDoor – Full Stack Engineer

React, Google Cloud, TypeScript, Express, Firebase, React Native

- Acquired by Opendoor in November 2021
- Built out a Next.js frontend to support mortgage origination tooling
- Integrated our API with 3rd party services such as Experian and Plaid
- Worked with product team to understand requirements behind loan origination logic and transformed the logic into production code
- Configured Google Cloud Platform environments to continuously deploy our backend services in order to improve developer experience

Apr 2018 - Apr 2020

Cubepros – Web Engineer

Node.js, React, Koa, PostgreSQL, PHP

- Architected a QuickBooks Online app for accountants that is now available on the QuickBooks app store
- Converted designs into websites for clients in order to improve their web based presence
- Built a Slack bot to allow accountants to access and manage data more easily
- Maintained legacy Wordpress sites in PHP

Sep 2018 - Jan 2019 (Contract)

Tapfood – Full Stack JavaScript Developer, Madison, NJ

Node.js, React, Express, PostgreSQL

- Built a food delivery web application in React
- Implemented a Redis queue so drivers could be notified when new orders were made
- Integrated Stripe on the frontend and backend so the company could accept payments

Mar 2017 - Sep 2018

My Bus Home – Web Developer, Boston, MA

Node.js, AWS, EJS, Express, PostgreSQL

- Created a Node.js website with Express and EJS that helps college students schedule bus transportation home during school breaks
- Built an admin panel for company employees to log in and manage trip reservations
- Built a bulk email sending queue with AWS SQS and Sendgrid

Education

2017

University of Massachusetts, Amherst - Bachelor of Science in Economics