Michael Shean

Software Engineer

✉ mdshean@gmail.com   ☏ 516-474-4988   ⌂ mikeyshean.com   ⊙ github.com/mikeyshean

Experience

Software Engineer @ **TravelPerk**

Jan 2021 - Dec 2022 // San Francisco, CA (Remote)

▷ Designed and developed the migration of disparate integration implementations into a common data model with a composition based design pattern to deliver necessary business visibility into integration usage and reduced overall engineering effort required to build future integrations

▷ Proposed and led project for a self-serve OAuth integration feature deployed to our first ever sandbox environment to automate a previously manual process requiring extensive engineering support

Full Stack Engineer @ **NexTravel**

Jan 2018 - Dec 2020 // San Francisco, CA

▷ Led event driven architecture development for travel inventory search workflow and post-checkout processes using AWS SNS/SQS fan-out messaging pattern to reduce overall search time and decouple downstream processes from business critical events

▷ Worked closely with designers and product teams to develop and launch a new Candidate Travel product as well as core features such as Prepaid hotel processing, Travel Policies, and the end-to-end Flight & Hotel search and booking experience

Software Developer @ **Verra Mobility**

May 2016 - Dec 2017 // Jersey City, NJ

▷ Developed and shipped a new service for inventory tracking of physical tolling devices with statuses synced across our warehouse facility, field installers with 4G handheld scanners, and 3rd party tolling providers

▷ Interfaced with all department heads as a Product Support engineer to resolve business critical issues in existing applications impacting accounting, operations, and customer success processes

Full Stack Engineer @ **NexTravel (Contract)**

Dec 2015 - April 2016 // New York, NY

▷ Engineered and maintained integrations with 3rd party APIs across several categories: payments (Stripe), travel (AirBNB, Expedia, Priceline), HR (BambooHR), and expense (Expensify)

▷ Built company admin dashboard including features for duty-of-care consideration incorporating flight tracking status updates as well as travel safety and advisory reports

Skills

Programming Languages

Python, PHP, TypeScript, JavaScript, HTML, CSS

Libraries & Frameworks

Django/DRF, React, Next.js, tRPC, Prisma, TailwindCSS

Tools & Platforms

Git, Docker, Redis, PostgreSQL, AWS, Datadog, CircleCI

Projects

Escape Krypton

Browser based game inspired by FlappyBird built with React, TypeScript, Next.js, tRPC/Prisma, and HTML5 Canvas

API Mapper

UI based integration building tool built with a Python/Django API serving a Next.js, React, TailwindCSS frontend

Education

SUNY Old Westbury

Concentration in Management Information Systems

App Academy

Immersive, full-stack web development training program with an emphasis on pair programming, coding style, and best practices. Acceptance rate < 5%