

# Michael Shean

## Software Engineer

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## Experience

### Founding Engineer @ OneText (YC W23)

January 2023 - Present // San Francisco, CA

- ▶ Worked on basically every part of our stack and product features coming in as the first engineering hire — From database tuning, extending core JSON-based flow builder, auto-scaling workers based on custom triggers such as queue size of upcoming tasks and scheduled campaigns, countless integrations, tracing/instrumentation, segment query builder, custom Shopify SDK, customer dashboard, performance analytics queries
- ▶ Leading all AI feature development — Wrote custom TypeScript AI agent orchestration library enabling chained LLM tool calling with session management.

### Software Engineer @ TravelPerk (Acquired NexTravel)

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

- ▶ IC on the OpenAPI and Marketplace squad developing the public facing REST API for partners to build custom integrations requiring extensive cross functional collaboration across multiple squads and stakeholders

### Full Stack Engineer @ NexTravel (YC W15)

Jan 2018 - Dec 2020 // San Francisco, CA

- ▶ As the first engineering hire, led development on core Flight and Hotel search engines. Including leveraging spatial indexing for more optimized search by reducing query times and accuracy
- ▶ Collaborated with Product Team to launch the Travel Policy builder used to validate all search results to enter the manager approval workflow. Included rules for relative/absolute price, distance, ratings, etc.
- ▶ Worked closely with designers and product teams to develop and launch a 0-1 Candidate Travel product used by companies like Yelp and Lyft for candidate travel management.

### Software Developer @ Verra Mobility

May 2016 - Dec 2017 // Jersey City, NJ

- ▶ Developed inventory tracking system syncing lifecycle statuses of tolling devices across multiple sources including 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

## About Me

Veteran startup engineer specializing in building 0-1 products that users love. Driven by curiosity and technical challenges, I thrive in environments requiring rapid iteration and frequent deployment. Eager to apply my startup expertise with driven teams to turn innovative ideas into even better products.

## Skills

### Programming Languages

TypeScript / JavaScript, Python, PHP, HTML, CSS

### Libraries & Frameworks

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

### Tools & Platforms

Git, Docker, Redis, PostgreSQL, MongoDB, AWS, DigitalOcean, Datadog, CircleCI, Grafana

## 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 with an acceptance rate of less than 5%