

Michael Shean

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6438 Geary Blvd.
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Work Experience

Software Engineer (*Python, Django, React/Redux*)

January 2021 - Present

TravelPerk, Remote

- Led development that migrated disparate integration implementations into a common model with a composition design pattern that was able to provide business visibility into integration usage as well as reduced engineering effort required to build new integrations
- Proposed and developed a self-serve OAuth integration feature to be deployed to our first ever sandbox environment that automated a previously manual process that required extensive engineering support

Full Stack Engineer (*Spring, Kotlin, PHP, MySQL, React, AWS*)

January 2018 - January 2021

NexTravel, San Francisco, CA (Acquired by TravelPerk above)

- Proposed and led event driven architecture development for travel inventory search workflow and post-checkout processes using AWS SNS/SQS fanout messaging pattern to reduce overall search time and decouple downstream processes from major workflow events
- Collaborated on cross-functional teams for major projects such as new product development with Candidate Travel as well as core features such as Prepaid hotel processing, Travel Policies, and the Flight/Hotel customer experience

Software Developer (*.NET, C#, T-SQL, Stored Procedures, SSIS Packages*)

May 2016 - December 2017

Highway Toll Administration, Roslyn, NY (Acquired by Verra Mobility)

- Designed and developed a system for inventory tracking of physical tolling devices that was able to sync statuses between our warehouse facility, field installers with 4G handheld scanners, and 3rd party tolling providers
- Worked closely with all department heads as a Production Support engineer to resolve critical issues to existing applications and systems impacting financial, operational, customer service, and/or business processes.

Full Stack Engineer - Contractor (*PHP, MySQL, Javascript/jQuery*)

December 2015 - April 2016

NexTravel, New York, NY

- Owned all aspects of feature pushes from database schema design to front-end UX/UI workflows including scalability consideration for additional supply chains
- Designed, developed, and maintained integrations with 3rd party APIs for payments (Stripe), travel (Airbnb, Expedia), HR (BambooHR), and expense (Expensify)
- Designed and developed the 'Upcoming Travel' dashboard including flight tracking reports

Education

App Academy July 2015 - October 2015

Immersive, full-stack web development training program with an emphasis on pair programming, coding style, and best practices

SUNY Old Westbury

Concentration in Management Information Systems