

Michael Shean

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[Github](#)



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Work Experience

Full Stack Engineer

December 2015 - Present

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 and developed integrations with 3rd party travel APIs to import external orders as well as ability to search, review, and purchase reservations/tickets.
- Created 'Upcoming Travel' dashboard including flight tracker for enhanced UX

Systems Analyst

February 2013 - July 2015

Highway Toll Administration, LLC. Roslyn, NY

- Proactively reviewed SQL stored procedures to identify vulnerabilities in business operations. Revealed 60K+ vehicles in service with invalid tolling registration.
- Executed major process overhaul of backlog grooming for high-impact projects on Agile/Scrum teams achieving PCI compliance.

Skills

PHP • Ruby • Rails • Backbone • Javascript • jQuery • SQL • Git • HTML • CSS

Projects

Trackstack (*Rails, Backbone.js*) [Github](#) [Live](#)

Social music web app inspired by SoundCloud

- Dynamic UX includes live visual comment insertion during track playback and user-activated notifications for 'likes' and playlist adds
- Integrated with AWS S3 / Cloudfront for lighter server load and scalable distribution.

Escape from Krypton (*Javascript, Canvas*) [Github](#) [Live](#)

Superman themed Javascript browser game based on 'Flappy Bird'.

- Includes custom game physics and leaderboard updates via AJAX calls to Rails API.

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 (acceptance rate < 3%).

SUNY Old Westbury

2008 - 2012

Concentration in Management Information Systems