Michael Shean

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Work Experience

Full Stack Engineer   December 2015 - Present
NexTravel, New York, NY

- Developed integrations with 3rd party travel APIs to import external orders as well as search, book, and purchase reservations/tickets
- Created home page dashboard including flight tracker and other travel tools
- Owned all aspects of feature pushes from database schema design to front-end UX/UI workflows including scalability consideration for additional supply chains

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.
- Conducted backlog grooming for high-impact projects on Agile/Scrum teams. Most notably, a time-sensitive major process overhaul to meet PCI compliance.

Skills

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

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Projects

Trackstack *(Rails, Backbone.js)*   Github Live
Social music web app inspired by SoundCloud

- Utilizes DOM/Backbone events to trigger CSS classes and transitions
- Renders audio waveforms with wavesurfer.js library
- Integrated with AWS S3 / Cloudfront for improved content storage and 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 < 5%).

SUNY Old Westbury   2008 - 2012
Concentration in Management Information Systems