Dillon Rice

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Skills

VueJS , Ruby on Rails , PostgreSQL , Elasticsearch , Vuetify , Veux , React , Redux , JavaScript , HTML5 , CSS3 , Ruby, Node JS jQuery , SQL , Express , MongoDB , Websockets , Action Cables , AJAX , SSO , SAML , RSpec , Minitest , AWS , Webpack , REST

Experience

Software Engineer | Nucla | October 2020 - Present
- Design, build. and test new end to end features using Ruby on Rails, VueJs, Elasticsearch, and Postgresql.
- Architected and implemented performative batch ETL processes.
- Integrated external API services and created client facing API endpoints and services.
- Developed end to end SSO and user routing interfaces.
- Created new Elasticsearch indices for efficient user facing search functionality.

Software Engineer, Intern | Credder | June 2020 - October 2020
- Engineered automated integration and unit tests for Ruby on Rails backend using domain specific languages like Rspec.
- Designed and implemented automated Reddit bot to enhance SEO and increase traffic to article reviews.

Director of Project Management | Nonstop Wellness | July 2018 - January 2020
- Directed I/O team and all operational projects, including 30+ simultaneous projects, including new client implementations and renewals for 80+ clients; Headed, orchestrated, and organized weekly cross-functional meetings.

Director of I/O Operations | Nonstop Wellness | July 2018 - April 2019
- Directed technical operations and eligibility teams in the management of the organization's central database which included over 30,000 client enrollment and demographic records and financial data, and all data import/export functions of our proprietary application; included the management of six direct reports.

Senior Manager, Technical Operations | Nonstop Wellness | January 2015 - July 2018
- Designed and developed documentation for system and business processes and procedures used by the entire operations team in order to standardize processes and reduce financial impact of administrative errors.
- Devised, tested, and deployed scripts for MongoDB to maintain data integrity and accuracy resulting in better client and administrative experience, and impactful financial savings from errors.
- Engineered and implemented E2E tests in JavaScript for proprietary MEAN stack software to prevent regressions and errors that would impact the organization financially; Deployed code through Elastic Beanstalk pipeline to ensure build quality.

Projects

Slockify - Slack inspired app with collaborative Spotify playlists   [github](#)

Ruby on Rails , React/Redux , Heroku , Action Cables , Ruby , JavaScript , CSS3 , Webpack , PostgreSQL , JBuilder , BCrypt , HTML5

Project Description
- Utilized action cables to allow for multiple users to send and receive messages through chat channels in real time
- Adhered to ES6 and React standards to create a reactive single page web application while using best practices for SQL, Jbuilder, and activerecord to optimize database queries - reducing N+1 and Ajax queries.

Virtual Tabletop - Online application that simulates a tabletop gaming environment   [github](#)

MongoDB , Express JS , React/Redux , Node JS , JavaScript , React / Redux , CSS3 , AWS , Mongoose , Socket IO , Axios , JWT , HTML5

Project Description
- Leverage Socket IO to allow multiple players to manipulate game pieces in real time on the same virtual board..
- Employed websockets to optimize CRUD actions and seamlessly integrate with a Mongoose/MongoDB backend.
- Implemented AWS S3 integration to allow players to share custom game boards and game pieces and with other players.

Grimdark - 2D rouge-like JavaScript game   [live site](#) | [github](#)

JavaScript , HTML5 , Webpack , CSS3 , GIMP

Project Description
- Created algorithm that detects collisions of moving projectiles, monster sprites, game boundary, and the player in O(1) time.
- Reduced and decoupled dependencies through the use of Object Oriented Programming and DRY principles.

Education

App Academy | Summer 2020 | San Francisco, CA

Immersive software development course with focus on full stack web development

California State University, Chico | Spring 2013 | Chico, CA | International Relations, BA