

SHAWN SALAT

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[LinkedIn](#)

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SKILLS React, Redux, Ruby, Rails, RSpec, JavaScript, Git, HTML5, CSS3, Sass, SQL, MongoDB, NodeJS/Express, jQuery, Active Storage, AWS S3, C++, PHP, MySQL, JSX, GraphQL Subscriptions

PROJECTS

Trendr (Not a Tinder Clone!) | (*React/Redux, Rails 5, Active Storage, AWS S3, PostgreSQL*)

[live](#) | [github](#)

- Interfaced Tumblr API with JBuilder in Ruby on Rails to parse blogs and automatically add them to seed database
- Architected hierarchical component system in React to expedite implementation of new features
- Engineered model level optimizations to drastically reduce number of necessary database calls
- Implemented unidirectional data flow with Redux to create predictable, normalized state, improving client-side performance
- Utilized Redux Thunk to enable asynchronous ajax calls in React components

MusicLink | (*JavaScript, d3.js, Node.js, Express, OAuth2, Axios*)

[live](#) | [github](#)

- Set up communication between Node.js/Express server and Spotify API for OAuth2 authentication before API calls
- Scraped data from Spotify website using Regular Expressions and Axios API calls routed through Node.js/Express server to work-around Cross Origin Resource Sharing (CORS) limitations
- Built asynchronous autocomplete engine that interfaces with Spotify's API through a node.js/Express server to serve relevant right from Spotify's database on user input
- Utilized d3-Force Simulation to render complex relationships between selected artists

HackBox | (*React, GraphQL/Apollo, GraphQL-Yoga, MongoDB, React*)

[live](#) | [github](#)

- Learned full stack of new technologies in one week, including MongoDB, Mongoose, GraphQL, GraphQL/Apollo, GraphQL-Yoga, GraphQL-Subscriptions
- Crafted real time database querying utilizing GraphQL subscriptions which use WebSockets as a transport layer
- Integrated React with GraphQL subscriptions to automatically render changes to game status
- Built NoSQL database in MongoDB with a Mongoose wrapper in order to reduce database size and database retrieval time, and increase reliability of data
- Built seed data using Regular Expressions, Node.js, and some cunning Google-Fu

EXPERIENCE

Technical Analyst Level 2

Pearson, Inc

October 2011 - August 2014

- Performed quality assurance testing on new programs, resulting in less congestion during high intensity busy testing periods
- Created in-depth, comprehensive training plan for new hires, many of which were temporary and went on to be offered full time positions and still work there today
- Created ticketing system, knowledge base, and timecard tracking applications using Service-Now
- Often closed most work tickets on team, 2nd point of contact on problem calls

Account Executive

Yelp, Inc

April 2016 - April 2017

- Drove all local advertising efforts for Yelp in assigned territories
- Utilized Salesforce extensively, including creating filters and reports, and managing 50+ pipelines of accounts
- Continually demonstrated tenacity, self-improvement, and implementation of feedback

Field Organizer

Friends of Michelle Smith

Jan 2015 - May 2015

- Identified 3,000+ voters over phone and door to door canvassing, knocked 9,000+ doors, made 14,000+ phone calls to voters
- Won the election

EDUCATION

University Of Iowa - *BS Computer Science/Music, minor Psychology, 2007-2011*

- Coursework: Statistical Methods; Human Computer Interaction; Networking and Security; Programming in C++; Database Management Systems; Research Methods

App Academy - 2017 - Rigorous 1000-hour software development course with <3% acceptance rate

- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.