JONATHAN WEYERMANN

Full Stack Developer

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CAREER SUMMARY

Experienced full-stack developer with more than 4 years of experience in the design, planning and implementation of web and mobile apps primarily using Ruby on Rails and React. Comfortable in an Agile/Scrum environment and adept at Cloud infrastructure design, primarily in AWS.
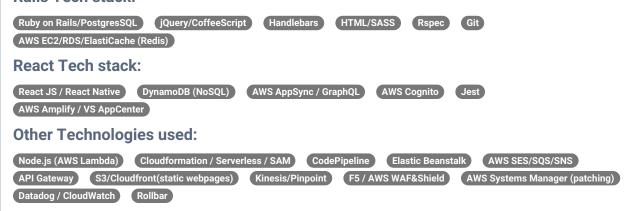
WORK EXPERIENCE

Web Developer — Alberta Motor Association

June 2015 - January 2019

- Developed and maintained and a suite of 14 Ruby on Rails web applications serving AMA's almost million members, including an insurance quote app, a vehicle registration auto renewal app, Road Reports, a driver education registration app, along with various other apps.
- Utilized AWS services (EC2, RDS, S3) to deploy highly available and scalable applications to production, and wrote Ansible Scripts to build the infrastructure to use such services
- Built a custom mobile application for iOS/Android app using React Native for the frontend and built the Serverless backend using AWS services such as Lambda (NodeJS), Appsync, DynamoDB, Firehose and Kinesis
- Maintained and Improved an OAuth2 authentication provider that created a single point of authentication for all of AMA's membership apps
- Implemented a React JS shopping cart app that interacts with other React JS Point of Sale apps.
- Was part of on-call rotation, diagnosing and resolving issues with the websites for a 24 hours/day for a week at a time.
- Followed a continuous integration/continuous delivery workflow to deliver frequent and reliable production deployments.
- Participated in pair programming with team members and gave code reviews using Github.

Rails Tech stack:

`Ruby on Rails/PostgresSQL` `jQuery/CoffeeScript` `Handlebars` `HTML/SASS` `Rspec` `Git` `AWS EC2/RDS/ElastiCache (Redis)`

React Tech stack:

`React JS / React Native` `DynamoDB (NoSQL)` `AWS AppSync / GraphQL` `AWS Cognito` `Jest` `AWS Amplify / VS AppCenter`

Other Technologies used:

`Node.js (AWS Lambda)` `Cloudformation / Serverless / SAM` `CodePipeline` `Elastic Beanstalk` `AWS SES/SQS/SNS` `API Gateway` `S3/Cloudfront(static webpages)` `Kinesis/Pinpoint` `F5 / AWS WAF&Shield` `AWS Systems Manager (patching)` `Datadog / CloudWatch` `Rollbar`

Intern
Adeara

July 2014 - December 2014

- Developed internal company site to serve as central repository for company documentation and policy, used by EDC board members, 10 employees and dozens of volunteers
- Implemented interface for entering company policy information that automates policy numbering
- Designed custom printable templates for various digital manuals using CSS.
- Engineered employee training software that presents information and administers quizzes to employees and volunteers, and allows their progress to be monitored.

Technologies used:

`HTML/CSS` `Confluence` `Ruby on Rails`

EDUCATION

Bachelor of Science: Computer Science
University of Alberta
2015

SKILLS

HTML/CSS/Javascript

- Proficiency with modern web standards such as HTML5, CSS3 and ECMAScript
- Experience with React Native to create custom mobile applications on Android/iOS
- Experience with server-side javascript via NodeJS and its surrounding ecosystem such as Yarn, Babel and Webpack.
- Proficiency with frontend CSS frameworks such as Bootstrap and ZURB Foundation and as well as client side libraries such as jQuery.
- Experience with CoffeeScript and JavaScript templating such as Handlebars
- Familiar with standard development techniques such as responsive design, AJAX and RESTful design

Ruby on Rails

- Experience writing self-documenting code that conforms to the Ruby style guide. and passes metric tools such as Rubocop and Cane
- Experience testing via RSpec and maximizing my code test coverage with Simplecov.
- Experience developing custom Gems and deploying to RubyGems.
- Understanding of various application servers such as Unicorn, Puma and Phusion Passenger in a production setting.
- Favorite gems: `Decent Exposure` `Draper` `Simple Forms` `HAML` `Dotenv Rails` `Pry` `Better Errors`

Databases

- Practical and theoretical understanding of relational database concepts and design.
- Experience modelling efficient database designs from scratch using ER-Diagrams.
- Proficient in: `PostgreSQL` `MySQL` `NoSQL (DynamoDB)`

Other Skills

`Linux` `MacOS` `Java` `C` `DevOps` `Code Review` `Git` `Unit/Integration Testing` `WordPress`