

ROBIN SHRESTHA

SOFTWARE ENGINEER

(989) 714-3113

Robin.RestfulAPI@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS: Ruby, Rails, React, Redux, PostgreSQL, HTML5, CSS3 / SASS, JavaScript, jQuery, D3.js, AWS, Webpack

PROJECTS:

MeetBrite: **React, Redux, Ruby, Rails, PostgreSQL, Webpack, AWS**

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

A single page web-app based on Meetup, a platform for users to discover, join, and create groups based on specific interests.

- Utilized Rails Active Storage with AWS for image attachments, providing scalability and reducing server load.
- Leveraged secure user authentication using BCrypt along with Token-based Authentication allowing for a persistent session and easily specified user roles and permissions.
- Implemented Redux with a normalized state to maintain data consistency and to minimize restrictions for scalability.

RaptorsViz **JavaScript, D3.js, HTML5, CSS3**

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

A data visualizer interactively displaying the Toronto Raptors player statistics from the 2019 NBA Finals.

- Reduced load times by parsing data locally for a smooth deployment.
- Combined a bar graph chart to elegantly display differentials in player statistics and a floating bubble chart for individual player statistics.
- Implemented an intuitive user interface with hover and click event listeners for seamless presentation of data.

EXPERIENCE:

Operations Lead

Policygenius

Oct 2016 – Feb 2019

- Leveraged data with Tableau and helped build dashboards to monitor book of business.
- Founded the Customer Success Department and scaled team to 17 representatives.
- Conducted weekly 1-on-1 coaching sessions resulting in an increase of 25% conversion to enforce policy.
- Directly advised insurance, investment products, and comprehensive financial plans to high profile clients.
- Conducted cross-team collaborations with Business Intelligence, Product, and Software Engineering teams to help improve conversion of higher risk life insurance applicants by 56%.

Operations Specialist

Oscar Health

Sept 2015 – Oct 2016

- Utilized Splunk to identify user trends and collaborated with claims operations, third-party vendors and medical operations to help reduce claim reviews by 12% and increase NPS by 20%.
- Forecasted and tracked key account metrics to internal stakeholders with JIRA and Chartio.
- Managed a team of 15 representatives and spearheaded a concierge care team model that was implemented department wide within 3 months.

Echo Lab

Echocardiography Specialist

Jul 2012 – Aug 2014

- Performed transthoracic echocardiograms, stress echocardiograms, and ultrasounds.
- Compiled health reports with recommendations and interpretations.
- Liaised with cardiologist and executed different types of echocardiography procedures, as directed.

Genesys Regional Medical Center

Family Medicine Resident

Jul 2011 – Mar 2012

- Appropriately diagnosed and treated patients in a general practice setting.
- Admitted and treated patients as part of the hospital's on-call service.
- Advised and educated patients regarding diet, hygiene, and effective disease prevention methods.

EDUCATION:

AppAcademy – 1000+ hour software engineering course with <3% acceptance rate focusing on OOP and algorithms.

American University of Antigua College of Medicine – Doctor of Medicine

Michigan State University – Lyman Briggs College – BS Human Biology