

Surudh Bhutani

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Education

University of Waterloo, Bachelor of Software Engineering, Honours 2014 - 2018

University of Ottawa, Software Engineering Year 1, Honours, Dean's List 2013 - 2014

Skills

Languages: JS, Node.js, React.js, Swift, Java, C/C++, Angular.js, Ruby, PHP, Python

Tools: Docker, Gatsby, Express, Webpack, Bootstrap, Bulma, MongoDB, Heroku, SQL Server, Puppet

Experience

SOFTWARE ENGINEER INTERN | **FUTUREADVISOR** | SAN FRANCISCO, CA SEP - DEC, 2017

- Created and maintained a library of custom UI components for over a dozen clients using **React Storybook**
- Aided in transitioning and testing core backend and asset migration from **Ruby** to **Webpack**

SOFTWARE ENGINEER INTERN | **FUTUREADVISOR** | SAN FRANCISCO, CA JAN - APR, 2017

- Aided in migrating core backend from **Ruby 1.8** to **2.3**, speeding up app build and response times by **~30%**
- Deprecated use of native **JS** and **jQuery** in favour of **React.js** in the user authentication and dashboard apps
- Ideated and presented RFC proposal to migrate dev environment to **Docker** in quarterly company hackathon
- Aided in implementing accepted proposal reducing dev on-boarding time from 1 week to 1 day

FULL-STACK DEVELOPER INTERN | **MEDLANTIS** | TORONTO, ON MAY - SEP, 2016

- Implemented a collaborative-filtering based recommendation engine for the video lessons platform in **PHP**
- Re-worked user-authentication service in favour of using **Auth0**, **Mixpanel** and **Bootstrap**
- Assumed responsibility as interim manager and scrum master for a team of 4 interns for a month

IOS DEVELOPER INTERN | **ROYAL VICTORIA HOSPITAL** | BARRIE, ON SEP - DEC, 2015

- Independently developed a hospital inventory data visualization app for staff use using **Swift**
- Implemented a test suite for said app using **Quick** and **XCTest** providing **~90%** of code-coverage
- Pre-processed and aggregated data in **SQL Server** to create API endpoints for said app in **ASP.NET**
- Presented and received commendation for said app at the annual provincial Ignite Research Conference

DEVOPS ENGINEER INTERN | **SOLINK** | OTTAWA, ON JAN - APR, 2015

- Replaced *Solink's* in-person client deployment practice to a remote version-controlled service using **Puppet**
- Reduced overexposure error on the image processing platform in **Python** significantly improving accuracy
- Reduced lighting error on the video analytics platform in **Python** improving indoor person-detect accuracy

Projects

Gatsby Personal Site Starter ([Live](#), [GitHub](#))

- A minimalist site starter made using **GatsbyJS**, a React-based static site generator, for developers that features support for **SEO**, content templating in markdown, mobile-first styling using **Bootstrap** and more.

Avatar: The Last Airbender API ([Live](#), [Github](#))

- An API built for my favourite show of all time with **Node.js**, **Express.js** and **MongoDB Atlas** showcasing a relatively quirky CSS framework: **Paper CSS**.

Concentration ([Github](#))

- The memory game made in **Swift** using **UIKit**. Screen-caps included in the README.

Gary: the twitter bot ([Live](#), [Github](#))

- A **Node.js** bot that tweets a `word and gif of the day` in the morning and various jokes throughout the day.

REFERENCES AVAILABLE UPON REQUEST