

Sheethala Swaminathan

4B Computer Science,
University of Waterloo, 2013-2018

s2swamin@uwaterloo.ca
www.sheethala.github.io
www.github.com/sheethala
www.linkedin.ca/in/sheethala

TECHNICAL SKILLS

Expertise:

- Javascript/React.js/Redux
- Mocha.js/Chai.js/Node.js
- HTML/CSS
- C/C++/Python
- Java
- Matlab

Tools:

- Git/Github
- AWS/Docker
- XCode/Firebase/Android Studio
- Bootstrap/Materialize

PROJECTS

2016 MediTrack – McHacks

Interactive Doctor-Patient tracking system written in JavaScript and integrated with the Pebble watch

2016 RateMyRoof

A website that allows users to rate and review houses and landlords.

2016 JSketch

An android app, written in Java that allows the user to draw, edit and save sketches

2017 UW Blueprint

Working as part of the team to help create apps for various non-profits in the Kitchener-Waterloo area

RELEVANT COURSES

- Operating systems
- Data Structures and Algorithms
- User Interfaces
- Distributed Systems
- Computer Security and Privacy

EXPERIENCE

Full-stack Developer at Top Hat Monocle

Sept – Dec 2017 | Toronto, ON

- Built front-end and back-end features of a web application using React, Python and Django to help students interact with content presented in lectures
- Added an extra layer of verification to enhance security
- Led a team to help improve efficiency by automating the workflow process by integrating Jira and Github

Full-stack Developer at Carrot Inc

May – Aug 2017 | Redwood City, CA

- Created microservices using Node and PostgreSQL to consolidate data sources in AWS to be used by Mobile/Web channels
- Refactored deployment process by automating backup creation, building, and saving to S3
- Implemented a user permissions pipeline that integrated OAuth and Google groups to determine user privileges of the website

Full-stack Web Developer at Freshprints

Aug – Dec 2016 | New York, NY

- Reduced turnaround time for deliveries from 2 weeks to 1 week by writing scripts to place orders on supplier's website
- Wrote cronjobs to deliver updates about orders in real time using UPS API
- Built the invoicing and order management features of the web app using the MEAN stack

Front-end Developer at Ingle International

Jan – April 2016 | Toronto, ON

- Created a new front-end platform in React.JS and Node, allowing forms to be automatically generated using REST API's
- Integrated front-end unit tests using Mocha and Chai.JS

Junior JavaScript Developer at Desertcart Inc.

May – Aug 2015 | Dubai, United Arab Emirates

- Implemented a merchant portal in React.JS for clients to sell their products

Email Production Coordinator at Indigo Music and Books

Sept – Dec 2014 | Toronto, ON

- Created responsive and bilingual HTML templates