

Aditya Sridhar

2B Software Engineering

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Technical Skills

Proficient Languages: Python, C++, JavaScript

Familiar Languages: C, C#, Ruby, Java, SQL

Frontend Technologies: AngularJS, JQuery, HTML, CSS, Bootstrap

Backend Technologies: Django, Flask, Node.js, .NET, Ruby on Rails, Parse, MySQL, MongoDB, Microsoft SQL

Tools: Git, Jenkins, XCode, Gerrit, Heroku, vim, UNIX, Twilio, Kimono

Experience

RideCo (Previously Transit Labs)

Software Developer

Waterloo, ON

January 2015 – April 2015

- Implemented trip booking feature using AngularJS to consume a RESTful API
- Improved application security by implementing the email verification feature
- Audited accessibility of the client facing application, making it more accessible to people with disabilities
- Worked in an Agile team of developers and contributed to the code review process

Careerify Corporation (Acquired by LinkedIn)

Software Developer

Toronto, ON

May 2014 – August 2014

- Independently implemented a Flask application that uses data analytics to enhance client satisfaction
 - Implemented a RESTful service in .NET Web API and integrated with AngularJS framework in the frontend
 - Automated the entire client launch process using Python, improving time to launch by 400%
 - Improved application security by upgrading social network authentication from OAuth 1.0a to OAuth 2.0
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Projects

Mozilla Open Source

- Resolved an unexpected behaviour in Mozilla's job listing web application

Forks And Spoon - HackIllinois, 2015

- An iOS app that helps student chefs turn their dining area into a restaurant
- Created the entire backend framework using Flask
- Tools: Flask, Parse, Twilio, HTML, CSS, Objective-C

Transit Check - BattleHackToronto, 2014

- An online platform that alerts users about unexpected timing mismatches in public transit system
- Created the main backend infrastructure and implemented Twilio integration
- Tools: Node.js, MongoDB, JQuery, HTML, CSS, Kimono, Twilio

Skip The Wait - Hack The North, 2014

- A tool that aims to reduce wait times at walk-in clinics
- Built the entire front-end architecture using AngularJS
- Tools: AngularJS, Node.js, MongoDB, HTML, CSS, Google Maps API

Whiteboard - HackWaterloo, 2014

- A web application that simplifies the way developers connect with other developers to build cool projects
- Awarded the Best Design Hack
- Tools: Node.js, MongoDB, JQuery, HTML, CSS

Tide

- Independently developed a social networking Ruby on Rails application allowing users to post status updates
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Education

University of Waterloo

Candidate for a Bachelor of Software Engineering (BSE)

Waterloo, ON

2013 – 2018

- CS 240: Data Structures and Data Management
 - CS 247: Software Engineering Principles
 - CS 241: Foundations of Sequential Programs
 - Math 239: Introduction to Combinatorics
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Awards

Euclid Mathematics Contest, 2013

University of Waterloo

- Stood in the top two percentile of over 17000 candidates.

Hypatia Mathematics Contest, 2012

University of Waterloo

- Stood in the top four percentile of candidates.

President's Scholarship of Distinction

University of Waterloo

- Admission average of 93%

CS 169.1x Software As A Service

University of California Berkeley

- Use of Agile techniques to develop SaaS in Ruby on Rails
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Extracurricular Activities

- Strong passion for urban photography
- More than 50 hours of tutoring experience in CS, Math, Physics and Chemistry
- Keen on improving technical skills by participating in various hackathons
- Enthusiastic about Space Age and World War II documentaries
- Clubs: University of Waterloo Indian Connection (UWIC), Renisix Student Council