

Rishi Shah

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

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Experience

Google Summer Of Code 2015 Internship

April 2015 - August 2015

Organization : The Concord Consortium

Mentor : Daniel Damelin

Projects :

- As the part of my GSoC project I have to develop scientific models and simulations to understand how interactions at the atomic level explain many phenomena across physics, chemistry and biology. The models will be developed using the Next-Generation Molecular Workbench Lab framework. A model is constructed by using JSON description of the model, inputs, outputs, layout and custom script.

Project Link - <http://interactions.portal.concord.org/>

Infrastructure Engineer at Rygbee (A platform for researchers to collaborate)

January 2015 - August 2015

Mentor : Prof. Sourish DasGupta

Projects :

- Used Play as a backend framework to develop modules such as user management & database management system.
- Worked on the distributed agent based Content Analyzer. My job is to improve its efficiency and have to make it distributed and scalable. It is java based message passing distributed system.

Software Developer at Appbase

September 2015 - Current

Mentor : Siddharth Kothari

Projects :

- Built real time application which can filter specific Twitter tweets and render it on the Google maps. The Specific technologies I am using are node.js, Twitter streaming api, Foursquare api ,appbase api, Google map api, Angularjs, Elasticsearch & nodejs.

Project link - <https://github.com/rishiloyola/CheckedIn>

Open Source Contributions

Organization - Sugar Labs

December 2014 - February 2015

Mentor - Walter Beander

- Developed the MIT license based web applications using HTML5, Javascript(Jquery) & CSS. The app download count is 735.

Project Link - <http://activities.sugarlabs.org/en-US/sugar/addon/4763>

Organization - Code Combat

December 2014 - February 2015

Mentor - Nick Winter

- Was a contributed in Code Combat helping them solving & issuing bugs related to Javascript, coffeescript and CSS.

Organization - The Concord Consortium

December 2014 - August 2015

Mentor - Daniel Damelin

- Improved & developed few lab-interactives(Web Applications) which can be used by high school students.

Organization - Mozilla

September 2015

Project - Bedrock**Mentor - Jon Petto**

- Improved the tablet view of Firefox website.

<https://github.com/mozilla/bedrock/pull/3331>

Skills

Programming Languages

- Proficient in C, JavaScript, and Java, Go.
- Significant experience with Python, CSS, HTML.

Specific Frameworks

- Java frameworks - Play, JADE (Java agent development environment).
- JavaScript frameworks - JQuery, AngularJs, Nodejs.

Data base

- OrientDB, Elasticsearch, Redis.

Specific technologies

- Git, D3.js, JSmol, Twitter streaming api, Eclipse, Bootstrap, Docker, Virtualbox.

Education

August 2014 - March 2018

College Name - DA-IICT, Gandhinagar, Gujarat, India**B.Tech in Information & Communication Technology (ICT)****GPA - 7.8/10**

August 2013 - March 2014

School Name - ST. Xavier's Loyola , India**HSc. Gujarat State Board****Percentage - 84%**

August 2011 - March 2012

School Name - ST. Xavier's Loyola , India

SSc. Gujarat State Board
Percentage - 94%

Community Service

- *Google Developer Group(GDG).* September 2014 - Current
Speaker and active member of GDG DA-IICT club. Organizing various event under GDG and helping students to get hands on with new technologies.