

Suraj Chafle

Graduate Student at Illinois Institute of Technology, Chicago

+1.312.561.7418

@schafle@hawk.iit.edu

www.linkedin.com/in/surajchafle

EDUCATION

Master of Science in Computer Science

Illinois Institute of Technology, Chicago

Aug 2014 - Dec 2016

GPA

3.00 / 4.00

Bachelor of Technology in Electronics and Telecommunication

College of Engineering, Pune

July 2008 - May 2012

GPA

7.70 / 10.0

EXPERIENCE

Software Design Engineer

Imagination Technologies

Feb 2015 - Dec 2015

Pune

- Updated an RPYC based test framework to support SOAP calls
- Implemented wrappers for testing various Video drivers with Python
- Developed a C++ based test framework to test Video APIs.

Staff Test Engineer

Visteon Technical Services Center

July 2014 - Jan 2015

Pune

- Developed a framework to automate download, flashing and testing for PSA-X81 cluster
- Deployed the framework on Jenkins and was awarded the SPOT prize for this contribution

Software Engineer

Robert Bosch Engineering and Business Solutions Ltd.

June 2012 - June 2014

Bangalore

Company Description

- Automated building of Navigation SDKs using CMake and shell
- Automated testing of 3D Graphics based navigation display using Perl and Shell

TECHNICAL SKILLS

✓ Python, C++, C, Java, Perl, CMake, Shell, Jenkins

✓ HTML, CSS, Bootstrap, JavaScript, MySQL, Django

PROJECTS

Travelogue

June 2015 - ongoing Pune

A Web Application for tracking personal travel

- Designed the database, front-end, APIs for future development and user-interface
- Used Google Map's APIs for fetching lat-long data and also for showing statistics on map
- Integrated Facebook's OAuth for logging in and D3.js for displaying statistics
- Hosted here: <http://goo.gl/nXL9p3>

Job Scheduler in Python

Mar 2015 - Apr 2015 Chicago

Project for Algorithm's Course

- Designed and implemented job scheduler algorithm to schedule jobs with known start and end times
- Implemented command line interface and displayed output in HTML

Website for Multiplex

Sept 2014 - Dec 2014 Chicago

Project for Database Organization course

- Developed a website in Java and MySQL with different level of authorization for users and administrators
- Implemented IMDb's API for fetching movie information for users