

# Harsh Vakharia

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## Education

### Sarvajanik College of Engineering and Technology

Computer Engineering  
2012 - 2016 | Surat, IN  
CGPA: 8.2

### Jeevan Bharti School

12th Grade  
2012 | Surat, IN  
84.76%

### 10th Grade

2010 | Surat, IN  
88.92%

## Links

Blog: [harshjv.github.io](http://harshjv.github.io)

Github: [harshjv](https://github.com/harshjv)

LinkedIn: [harshjv](https://www.linkedin.com/in/harshjv)

Twitter: [harshjv](https://twitter.com/harshjv)

Keybase: [harshjv](https://keybase.io/harshjv)

YouTube: [HarshVakhariaJ](https://www.youtube.com/channel/UCqWz8v56Ar-vQ)

Facebook: [notcaffeinated](https://www.facebook.com/notcaffeinated)

## Skills

### Programming

Over 4000 lines:

Node.js & JavaScript, Java,  
Python, PHP, LESS, SASS,  
HTML, CSS

Over 2000 lines:

C, C++, C#

Over 1000 lines:

Ruby, Rails

### Tools & Frameworks

React & Flux, Git, Docker,  
Laravel, Symfony, Meteor

Familiar:

D3, Processing, NLTK

### Databases

mongoDB, MySQL, Redis

Familiar:

RethinkDB, Firebase,  
Postgres

## Other Activities

### Applied CS with Android | Facilitator

2016 | Google, Hyderabad, IN

### Pushbit | Exhibitor

2016 | MakerFest, IN

### Article Writer

2015 | OpenSource.com

### On-site volunteer

2014 | National Youth Conclave

### OGIP | Team Member

2013 | AIESEC in Surat

## Experience

### AdWyze | Software Engineer

June 2016 - Present | Bengaluru, IN

- Building analytics platform primarily in JavaScript with React, Angular, Node.js, and backend in Ruby with Rails.
- Building a subset of platform from scratch for browser extension.
- Ported existing custom test architecture to Docker and Kubernetes with Jenkins.

### Berkman Klein Center for Internet & Society | Google Summer of Code 2016

April 2016 - August 2016 | Remote

- Worked on improving Question Tool's architecture in Meteor.js.
- Ported existing stylesheets to SASS and improved question-answer rendering.

## Projects

### Repository size browser extension for GitHub

Node.js | [github.com/harshjv/github-repo-size](https://github.com/harshjv/github-repo-size)

### Peer-to-peer adaptive content distribution service | Dopplr

Node.js & React

### Morphable Musical Touch Surface | FreakBoard

Java, Python & OpenCV | [youtu.be/lu6g56Ar-vQ](https://youtu.be/lu6g56Ar-vQ)

### Recommendation system with personal assistance | Dexter

NLTK, Java & Node.js

### Real-time industrial machine data analysis | Pushbit

React, Arduino & Socket.IO | [thepushbit.github.io](https://thepushbit.github.io)

### Abuse homographs with ASCII documents | Mayhem

CoffeeScript & Atom | [github.com/harshjv/mayhem](https://github.com/harshjv/mayhem)

### PDF builder for academic submissions | Doughnut

Python, Flask & Heroku | [github.com/harshjv/doughnut](https://github.com/harshjv/doughnut)

### Media streaming & file sharing Android app | Littlebox

Android, JavaScript & React | [github.com/harshjv/littlebox](https://github.com/harshjv/littlebox)

### Port of Threes! game to C | Play Threes in your terminal!

C | [github.com/harshjv/threes-c](https://github.com/harshjv/threes-c)

### Access data stored on Android device from the web | Deskly

Android & JavaScript | [github.com/harshjv/desky](https://github.com/harshjv/desky)

## Academic Honors

### Outstanding Student | Computer Engineering Department

March 2016

## Awards & Achievements

2015	—	Certificate of Appreciation	Project Showcase
2015	1 <sup>st</sup>	Checkmate — Software tampering competition	Updates 2015
2015	1 <sup>st</sup>	Aproksha — Reverse engineering competition	Kshitij 2015
2014	—	Certificate of Appreciation	Co-curricular activities
2014	1 <sup>st</sup>	Dexter's Lab — Software tampering competition	Updates 2014
2014	1 <sup>st</sup>	C'arnival — Coding competition	Updates 2014
2013	1 <sup>st</sup>	Appdroid — Android app development	Updates 2013
2012	1 <sup>st</sup>	Paper Presentation	Updates 2012

## Participation

2013	Google Science Fair	Google
2011	Inspire Internship	Applied Chemistry Department, SVNIT, Surat

[Last updated on September 6, 2016]