

# Harsh Vakharia

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## Education

**Sarvajanik College of Engineering and Technology**  
Computer Engineering | Surat, IN  
2012 - 2016  
CGPA: 8.2

## Links

Blog: [harshjv.github.io](https://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)  
PGP Key: [harshjv.github.io/pgp-key](https://harshjv.github.io/pgp-key)  
Telegram: [harshjv](https://t.me/harshjv)

## Skills

### Programming

Over 5000 lines:  
Node.js & JavaScript,  
LESS, SASS, CSS, HTML

Over 3000 lines:  
Java, Python, PHP

Over 2000 lines:  
C, C++,  $\text{\LaTeX}$

Also:  
Solidity, Ruby, C#

### Frameworks & Tools

Docker, Web3, IPFS, React,  
Flux, Electron, Browserify,  
Gulp, Webpack, Git,  
Laravel, Symfony, Meteor

Also:  
D3, Processing, NLTK, Rails

### Databases

mongoDB, MySQL, Redis

Also:  
RethinkDB, Firebase,  
Postgres

## Other Activities

**Exhibitor** | Nebulis  
Ultrahack, FI | November 2016

**Facilitator** | Applied CS  
with Android  
Google, IN | March 2016

**Exhibitor** | Pushbit  
MakerFest, IN | January 2016

**Article Writer** | OpenSource.com  
Online | December 2015

**Volunteer** | National Youth  
Conclave  
Surat | March 2014

**Team Member** | OGIP  
AIESEC in Surat | 2013

## Experience

### Innominds

Blockchain Engineer | Bengaluru, IN

December 2016 — Present

### Nebulis

CTO  
Middleware Engineer

November 2016 — Present  
October 2016 — November 2016

### AdWyze

Software Engineer | Bengaluru, IN

June 2016 — October 2016

### Berkman Klein Center for Internet & Society

Google Summer of Code 2016

April 2016 — August 2016

## Projects

**Cross platform IPFS with built-in managed node** | Buffet  
IPFS & Electron | [github.com/harshjv/buffet](https://github.com/harshjv/buffet)

**Interplanetary Domain Name System** | Nebulis (*presented at Ultrahack, FI*)  
Solidity & Node.js | [nebulis.io](https://nebulis.io)

**Dead-simple cross-platform cryptocurrency tracker** | Donut (*over 0.5k downloads*)  
Electron & React | [harshjv.github.io/donut](https://harshjv.github.io/donut)

**Repository size browser extension for GitHub** | Github Repository Size (*over 1.2k users*)  
Node.js | [github.com/harshjv/github-repo-size](https://github.com/harshjv/github-repo-size)

**Peer-to-peer adaptive content distribution service** | Dopplr (*turned into a startup*)  
Node.js & React

**Customizable Musical Touch Surface** | FreakBoard  
Java, Python & OpenCV | [youtube.com/watch?v=lu6g56Ar-vQ](https://youtube.com/watch?v=lu6g56Ar-vQ)

**Recommendation system with personal assistance** | Dexter  
NLTK, Java & Node.js

**Real-time industrial machine data analysis** | Pushbit (*presented at MakerFest, IN*)  
React, Arduino & Socket.IO | [thepushbit.github.io](https://thepushbit.github.io)

**Abuse homoglyphs with text documents** | Mayhem (*bypasses plagiarism checker*)  
CoffeeScript & Atom | [github.com/harshjv/mayhem](https://github.com/harshjv/mayhem)

**PDF builder for academic assignments** | Doughnut (*used extensively in college for assignments*)  
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** | Threes.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  
Sarvajanik College of Engineering and Technology, Surat

March 2016

## Awards & Achievements

2015	—	Certificate of Appreciation	Project Showcase
2014	—	Certificate of Appreciation	Co-curricular activities
2014	1 <sup>st</sup>	Carnival — 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