

# Harsh Vakharia

me@harshjv.com

## Education

### Sarvajanik College of Engineering and Technology

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

## Links

Blog: [harshjv.com](http://harshjv.com)  
Keybase/PGP: [harshjv](https://keybase.io/harshjv)  
LinkedIn: [harshjv](https://www.linkedin.com/in/harshjv)  
Github: [harshjv](https://github.com/harshjv)  
NPM: [harshjv](https://www.npmjs.com/~harshjv)  
Docker Hub: [harshjv](https://hub.docker.com/~harshjv)  
Twitter: [harshjv](https://twitter.com/harshjv)  
Telegram: [harshjv](https://www.t.me/harshjv)  
Skype: [harshvakharia](https://www.skype.com/people/harshvakharia)

## Skills

### Programming

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

Over 3000 lines:  
Java, Python, PHP

Over 2000 lines:  
Solidity, C, C++,  $\LaTeX$

Also:  
LLL, Ruby, C#

### Frameworks & Tools

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

Also:  
D3, Processing, NLTK, Rails

### Databases

mongoDB, Redis, MySQL

Also:  
RethinkDB, Firebase,  
Postgres

## Other Activities

**Exhibitor** | Nebulis  
Ultrahack, FI | Nov 16

**Facilitator** | Applied CS  
with Android  
Google, IN | Mar 16

**Exhibitor** | Pushbit  
MakerFest, IN | Jan 16

**Article Writer** | OpenSource.com  
Online | Dec 15

**Volunteer** | National Youth  
Conclave  
Surat | Mar 14

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

## Experience

### ConsenSys

Full Stack Engineer

Apr 18 — Present

**Aragon** | Create and manage decentralized organizations  
Product Engineer

Aug 17 — Nov 17

### Innominds

Blockchain Engineer & Researcher | Bengaluru, IN

Dec 16 — Jul 17

**WINGS Stiftung** | DAO Kickstarter Platform  
Full Stack Blockchain Engineer

Dec 16 — Jul 17

**Nebulis** | NextGen DNS on Blockchain  
CTO & Co-founder

Oct 16 — Feb 17

**Dopplr** | Peer-to-peer content delivery network  
Founder & Project Lead

Jul 16 — Jan 17

**AdWyze** | Marketing Analytics Platform  
Full Stack Engineer | Bengaluru, IN

Jun 16 — Oct 16

### Berkman Klein Center for Internet & Society

Google Summer of Code 16

Apr 16 — Aug 16

## Projects & Experiments

**Payment Channel on Ethereum** | Thunder (*experiment, to be presented in Blockchain Expo Europe 2017*)  
Ethereum, Solidity, Node.js & JavaScript | [dopplr.github.io/thunder](https://dopplr.github.io/thunder)

**Ethereum Web3 Universal Wrapper for dApps** | Dopplr (*experiment*)  
Ethereum, Solidity, Node.js & JavaScript | [dopplr.io](https://dopplr.io)

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

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

**Small zip archives that expand to gigabytes** | Zip bomb (*experiment*)  
Node.js | [github.com/harshjv/zip-bomb](https://github.com/harshjv/zip-bomb)

**Dead-simple cross-platform cryptocurrency tracker** | Donut (*over 12k downloads*)  
Electron & React | [etherbit.in/open-source/donut](https://etherbit.in/open-source/donut)

**Peer-to-peer adaptive content distribution service** | Dopplr.ME (*turned into a startup*)  
Node.js & React | [dopplr.me](https://dopplr.me)

**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)

**Repository size browser extension for GitHub** | Github Repository Size (*over 5k users*)  
Node.js | [github.com/harshjv/github-repo-size](https://github.com/harshjv/github-repo-size)

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

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

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

**PDF builder for academic assignments** | Doughnut (*source code documentation*)  
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)

## Awards & Achievements

2017 Vitalik Buterin Blockchain Excellence Award Project Thunder

## Academic Honors

**Outstanding Student** | Computer Engineering  
Sarvajanik College of Engineering and Technology, Surat

Mar 16