

# Amey Sakhadeo

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## A lil' bit of background

I was born and raised in Mumbai, India. I did my **Bachelors in Computer Science Engineering** from **University of Mumbai**. After graduation, I was briefly working at Atos Origin, first as a Java Developer and later as a part of the Network Operations Center. I am a Sun Certified Java Programmer and a Cisco Certified Network Associate. My interests include Anthropology, and Human Evolution. I am good at drawing cartoons and beat boxing.

I love Android and the Web and want to help make the web better for everyone.

## What I know

I am good at  
**HTML, JavaScript, Java, Python**  
and I am trying to learn **Go**

+ I am also interested in UX design

## What I do

### Symantec

*Software Engineer, (November 2009 - Present)*

At Symantec, I have worked on Symantec DataInsight's web GUI and backend server code. I now work as the **lead UI developer** on Symantec Intelligent DataStore --- a new storage offering currently in its alpha stage.

My work involves **Javascript**, jQuery, **AngularJS**, Flask, Grunt, **Python**. Not too long ago it also involved **Google Web Toolkit** and **Java**.

I have worked on integrating some awesome third party libraries like Flot, FusionCharts, Omniture and Simile Widgets. While doing so, I developed a rich GWT/Java Wrapper for Flot and FusionCharts. The wrapper for **Flot** has been open sourced on GitHub. <https://github.com/datainsight/gwt-flot>

Through my work, I discovered that I love API design. Out of this passion, I developed numerous extensible GWT based widgets for use in our GUI and an extensible, fault tolerant task tracking framework.

Developed a '**Social Network Analysis**' tool using D3 that became one of the selling points of the product.

Also wrote numerous tools using Java, Python and Node to aid the Symantec QA team. Some of these tools even have a full featured web GUI.

I have received **eight Symantec Applause Awards** for excellence in coding and two for presentation skills.

I, along with one other developer created a complete UI widget library in **AngularJS**. This library includes D3 based visualization widgets. The library is well documented, extensible and well tested using **Jasmine + Karma**. It has received great responses from other web GUI teams at Symantec and we are currently in the process of open sourcing it. I am responsible for the REST web services layer for the product, which have been written using **Python** and **Flask**.

I also **lead a team** whose goal is to enhance product UX.

## Open Source

### Android FileExplorer

An open source project aimed at building a file manager for Android that is fast, clean and follows the Holo UI guidelines

Although I have not pushed an update since April last year (*due to which a few things about it might suck*), the number of downloads **have almost reached 300,000 with an average rating of 4.5.**

The app can be found on [Google Play Store](#)

The source is hosted on [Google Code](#)

### JQuery Core

I am a huge fan of jquery and have contributed a few patches and tests to the jQuery Core.

```
$ curl -s https://api.github.com/repos/jquery/jquery/contributors | grep
```



Besides, JQuery, I also contribute to the following popular open source projects:

Google's Go-Github

Flot

### Other Open Source Projects

#### jquery-indexeddb

IndexedDB Plugin for JQuery. Its aim is to abstract the complexity of the IndexedDB API by making use of JQuery \$.Deferred.

Source is hosted on Github: <https://github.com/ameyms/jquery-indexeddb>

#### jqterm

A JQuery based command line emulator with custom interpreters and formatter

Source is hosted on Github: <https://github.com/ameyms/jqterm>

#### tabulate

A jquery plugin for working with paginated Twitter Bootstrap tables.

Source is hosted on Github: <https://github.com/ameyms/tabulate>

#### oongly

A nodejs based tool for uploading/downloading files and executing remote commands in non-homogeneous systems.

It is used by the QA team of our Symantec DataInsight.

Source is hosted on Github: <https://github.com/ameyms/oongly>

*\* I am @ameyms on GitHub. [github.com/ameyms](https://github.com/ameyms)*

## Other Older Projects

### Research Project on Parallel Computing

*Final Year Engineering Research Project, (July 2007 – April 2008)*

As a part of my final year research project, I built a **Beowulf Cluster** using off-the-shelf components.

The project also involved using **MPI/C library** to parallelize many common computer science problems like search, sort, matrix multiplication etc. and study the effect of the degree of parallelism on the total throughput of the program.

### Library & Student Database Management System

*Fr. C. Rodrigues Institute of Technology, Mumbai (March 2006 – December 2007)*

I was a part of a 4 member team that designed and developed a unified system to manage data of the Registrar Office (student records, fee accounting etc) and the central library of the institute.

The student facing portal was written in **PHP + JavaScript** and had a VB.NET interface for the library & registrar office staff.

The system is **still used** at Fr. C. Rodrigues Institute of Technology, Mumbai.

This was my first proper software assignment and I realized how important UX was for software and eventually made me fall in love with JavaScript and UX in general.

*\* This also was the first assignment where I actually got paid!*

Thanks for reading!

