

# Aakriti Gupta

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## Industry Experience

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### [6WunderKinder](#) | 3 months

January 2013 - Present

Intern at the Backend Team of 6Wunderkinder

- Created a service oriented application with **Rails** connected to the main **API**
  - Pulling out logic to distribute load and logic from a monolithic API to a multi service architecture
  - Handling payments for newly introduced pro accounts
  - Refactoring existing code in the main API projects

### [SlideShare](#) | 2.5 months

May 2012 - July 2012

Interned with the core backend team. Investigated open source tools for **document format conversion**. Coded and tested modules in **Ruby** of the current backend infrastructure for **automation**.

### [Google Summer of Code](#) | 3.5 months

May 2011 - August 2011

Bringing a **prezi-like** feature in the presentation application of [Calligra](#), the open source office suite built on **Qt** and [KDE](#) libs. The feature lets you make animated SVG presentations which run in all SVG supported web browsers. Javascript from Sozi, is used for animating the elements instead of the traditional animation attributes of **SVG**, which do not animate quite well. I am continuing to work on the UI for the feature.

### [MILLEE](#) | 10 months

May 2010 - February 2011

Built a total of three educational games for rural children on a mobile platform (J2ME) for Nokia 3110c. Assisted Dr. Matthew Kam, from CMU, in the research.

## Skills

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### Programming languages and database systems

- Ruby, C, C++, Javascript
- MongoDB, MySQL, Postgres

### Frameworks and web technologies I have used

- Ruby on Rails, Qt framework
- Node.js
- SVG spec

### Tools

- Version control systems: git, svn

- Build tools: CMake, GNU Make
- Debugging tool - gdb

## Education

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B.Tech. at [DA-IICT](#), Computer Science majors | Autumn 2009 - April, 2013

## Programming projects

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### [Votekit](#)

A generic **RESTful API** for creating voting applications, built primarily to soothe the itch of trying **Node.js** and **MongoDB**!

### [Urban Sound Archive](#)

A service for finding and contributing sound content specific to location. This **Rails app** is a mashup of the **Google Maps API** and **SoundCloud API**.

SoundCloud API doesn't yet provide search by location, hence this is a great tool for travellers looking to contribute, collect or explore sounds related to a place or occasion.

I built this in a team of two at the Berlin Geekettes hackday.

### [Markofy](#)

A web service for marking and highlighting content in articles. Made using **Node.js** and **MongoDB** for database.

I built this in a team of two at the DevelopHer hackday.

### [In-paint](#)

Implemented an in-painting algorithm in MATLAB for a course in Image Processing.

### [Minotaur](#)

A simple command line based game similar to Pac-man written in **C** with the aim to explore **multithreading** and **mutexes**.

## Activities and interests

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I love attending hackathons for the rush of creating something working and useful within 24 hours and with an absolutely new team! I have participated in **DevelopHer Hackday** organized by LinkedIn and the **Berlin Geekettes hackathon**.

I am **FOSS enthusiast** and contribute to KDE when I get time. I attended the **Desktop Summit** in Berlin, jointly organized by GNOME and KDE and presented my GSoC project.

In college, I served as Joint Secretary and program co-ordinator for WIE group for the **IEEE** student branch.

When not coding I spend my time **reading**: On the web, I like Oatmeal comics, Thought Catalogue and Hacker News.

I read a wide variety of books - Ayn Rand, Bernard, Simon Singh are my favourites and I love Shakespeare's plays.

Last updated: 19th March, 2013. The most updated version can be found at [aakritigupta.com/resume](http://aakritigupta.com/resume)