

Aakriti Gupta

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Industry Experience

[HowDo](#) | 11 months

May 2013 - March 2014

API and Web Engineer

- Developed and maintained the REST API (Sinatra) for HowDo in a small team of 2 at a very early stage startup, using agile methodologies and TDD
- Added search and tagging, to the API.
- Built the responsive website ([how.do](#)) ground up on **Ruby on Rails**, and with Sass

[6WunderKinder](#) | 4 months

January 2013 - April 2013

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
- Contributed to the payments service
- 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 of the current backend infrastructure.

[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.

[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

Programming languages and database systems

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

Frameworks and web technologies I have used

- Ruby on Rails
- Sinatra
- JQuery
- Bourbon, Neat
- Qt framework
- SVG spec

Tools

- Version control systems: git
- Build tools: CMake, GNU Make
- Debugging tool - gdb

Education

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

Side programming projects

[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.

[Markofy](#)

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

Activities and interests

I am a software Entwickler, tinkerer and FOSS enthusiast, from India, currently living in Berlin. I enjoy finding new ways of solving problems and building beautiful, new applications.

When not coding I spend my time **reading**: here are my [GoodReads](#) and [Readmill](#).

Last updated: 14th April, 2014.