

Work

- Jun'16 – Sep'16 **Software Engineer**, *Adobe Systems Inc.* - *Noida*.
Worked on automated testing of an Adobe product using Python & Selenium.
- Jun'16 – Aug'16 **Student Developer**, *Google Summer of Code*, *The HoneyNet Project*.
Ported the codebase of a man-in-the-middle proxy tool called mitmproxy from Python 2 to 3. Also improved it's code coverage, cookie parser, export capabilities, and terminal UI. [Code](#).
- Jun'15 – Aug'15 **Student Developer**, *Google Summer of Code*, *MetaBrainz Foundation*.
Improved a Python based music review website called CritiqueBrainz. Created an admin interface for it and allowed other entities (like musical events) to be reviewed. [Code](#).
- Jun'14 – Aug'14 **Student Developer**, *Google Summer of Code*, *MetaBrainz Foundation*.
Added features to a music tagging tool and created a Bootstrap based website for it. [Code](#).

Projects

- Apr'14 – Nov'14 **Ideabin**, Python (Flask), MySQL (SQLAlchemy), Bootstrap.
A website that helps you manage your ideas and share them with people. [Code](#).
- Sep'13 – Mar'14 **Cryptex**, PHP, Bootstrap.
Code breaking and treasure hunting challenge created for our college's annual fest. [Code](#).
- Cheat**, Go.
A tool that allows you to create and view interactive cheatsheets on the command-line. [Code](#).
- Web**, PHP, JavaScript.
Have created a few web based stuff including an interface to search GSoC projects, a personal blog, a portal to upload Resumes, userscripts to import data into MusicBrainz etc.
- Scripts & Utilities**, Python, Bash, AutoHotkey.
Have written various scripts that automate tasks like: renaming files, capturing & uploading screenshots, creating music playlists, downloading lyrics of songs, fixing tags of MP3 files, helping me decide what movie to watch, tagging my articles-to-read list, monitoring my internet bandwidth consumption, creating a "zero-byte" disk mirror etc.

Education

- 2012 – 2016 **B.Tech**, *Computer Engineering*, *Jamia Millia Islamia*, *New Delhi*, 9.24/10.
- 2010 – 2011 **Class XII**, *S. N. Sidheshwar School*, *Gurgaon*, 91%.
- 2008 – 2009 **Class X**, *S. R. Century School*, *Bahadurgarh*, 88%.

Communication

- Mar'16 **FOSSASIA**, *Singapore*.
Talk on designing command-line interfaces in Python.
- Jan'15 **Python Meetup**, *Zopper*, *Noida*.
Talk on getting started with the Flask micro-framework.

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