

Education

IIIT-Delhi, India
(2013 - 2017) expected

Bachelor of Technology (B. Tech) in Computer Science Engg.

- TA: System Administration
- Student Representative, Student Senate

Work Experience

Google Summer of Code Intern - SymPy

Python Software Foundation (May - Aug 2015) - Created an API to interactively generate and study dynamics of physical systems similar to real world. Currently working on its web interface.

Backpack Labs

(Aug - Dec 2014)

Android Developer - System Admin

- Worked in team of 6 to develop Backpack (LMS) used in 100+ universities by 7000+ students. Developed Android app and managed/configured servers.

Backpack Labs

(May - Aug 2014)

Intern

- Developed the freemium model for Backpack (team size 6). I worked on API and Android app. Also wrote unit tests using RSpec (Rails).

Technical Skills

Programming Languages Python, Java, Javascript, C++, Ruby

Tools + Technologies

Android, Rails, Django, MySQL, Nagios, Capistrano, AWS, Redis, Git, Openshift Origin, Vagrant, Anaconda, HTML/CSS, Sphinx etc.

Selected Projects

Redesigning entire Data Center of IIIT-Delhi for better Resource Management

Mentor: **Dr. Vinayak Naik** (June 2015 - Present)

Shifting to Docker containers (using Openshift Origin and Google Kubernetes for webapps), making it robust while eliminating any security flaw. It will support all different computing needs of institute.

Pi-versity

Leading a team of 4 to build an app to help students be in sync with everything at their universities. It includes features like attendance, class schedule, course management and social network for students.

Mapstagram - Share local interests with the world. (Mobile based)

A tool to share and promote stuff in an area which locals prefer by giving them a platform to share their experiences. It provides others about the experiences of others and bring out what's best.

Selected Awards

IIT-Delhi Appathon

First Prize in Local Search Category, Second overall.

AngelHack Delhi

Second IBM Bluemix Prize, Fourth Overall.