



Yash Mehrotra

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EDUCATION

Jaypee Institute of Information Technology
BTech in Computer Science & Engineering
Expected May 2017 | Noida, UP
Cum. GPA: 5.9/10
Major GPA: 6.5/10

SKILLS

Languages

Python • JavaScript • C • C++
Scala • Ruby • Golang • PHP

Frameworks

Django • Flask • Ruby on Rails
Express • MeteorJS

Databases

PostgreSQL • MySQL • Elasticsearch

Tools

Vim • Zsh • Git

ACHIEVEMENTS

- Core member of **OSDC** (Open Source Developers Club) of the college.
- Attended PyCon India 2015 and gave a talk on SQLAlchemy. It can be viewed [here](#).
- Came 3rd in Execute 14.1 (Intra-College Programming Contest)
- Came 4th in Execute 14.2 (Inter-Hostel Programming Contest)
- Came 4th in Knuth Cup (Annual College Fest Programming Contest).

PROJECTS

All projects can be found on github.com/yashmehrotra

Soldier

Over 7000 downloads
Created a python library for executing and managing system operations and processes through a user-centric API.

Neptune

Wrote a python-based web framework from scratch which enabled users to create their own web applications. Implemented a custom server gateway and router.

Greate

Over 600 downloads
A Command Line tool which uploads your current folder to a GitHub repository.

EXPERIENCE

HackerEarth

- R&D - Software Developer Intern (Jun 16 - Aug 16)
- Wrote the evaluation platform for Regular Expression, File Evaluation & Machine Learning Problems.
 - Built an auto-scaling system which adds/removes servers by predicting the load using forecasting algorithms(Holt-Winters Algorithm).

Samoza

- Backend Developer Intern (Dec 15 - Apr 16)
- Rewrote core parts of the application to improve performance and change it to a service oriented RESTful architecture.
 - Worked on the core platform deploying new features and fixing bugs.

Grofers

- Software Engineering Intern (Jun 15 - Aug 15)
- Worked with the core API team to push a multitude of features and bug fixes to the consumer app.
 - Worked on the CMS Platform and built features like Caching backend and implemented SCD Type II on multiple tables.
 - Wrote a realtime cart indexing system which indexed data into an Elasticsearch cluster using PostgreSQL and Gearman. [Blog post link](#).

Pixpa

- Backend Web Developer Intern (Jun 14 - Aug 14)
- Made a Gallery Downloading module which enabled users to download their existing galleries as zipfiles.
 - Wrote a CRM Tool enabling users to manage & communicate with their customers.

OPEN SOURCE

Mozilla Winter of Security

Sep 15 - Feb 16
Created new Virtual Reality Interfaces using three.js to visualize various threat actors and security breaches through the **MozDef Platform** and worked on simulating those attacks on the VR Interfaces using Elasticsearch and MongoDB.
• Project Home • My Contributions

Mozilla Firefox

Contributed multiple bug fixes to Mozilla's Firefox Browser.
• Project Home • My Contributions

Numpy

Fixed various bugs in their core library.
• Project Home • My Contributions

Garuda

A twitter-clone with functionality like searching, following users, tweeting and custom feed.

BookAway

Built a website for buying, selling & renting books among college peers.
Implemented custom JavaScript based search filters to pace the browsing experience.