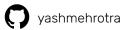
Yash Mehrotra









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).

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 mulitple bug fixes to Mozilla's Firefox Browser.

• Project Home • My Contributions

Numpy

Fixed various bugs in their core library.

• Project Home • My Contributions

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.

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.