


Yash Mehrotra

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 yashmehrotra.com

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EDUCATION

Jaypee Institute of Information Technology

BTech in Computer Science & Engineering 2013-2017 | Noida, UP
Cum. GPA: 5.9/10
Major GPA: 6.5/10

SKILLS

Languages

Python • Golang • Javascript
Ruby • Scala • PHP

Frameworks

Django • Flask • Ruby on Rails
Express • MeteorJS

Databases

PostgreSQL • MySQL • Elasticsearch

Tools

Vim • Zsh • Git • AWS • Docker
Kubernetes

OPEN SOURCE

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

Mozilla SSH Scan

Contributed bug fixes and features to Mozilla's SSH Scan Project.
• Project Home • My Contributions

OSDC Bot

Started and currently maintaining an open-source chat-bot project.
• Project Home • My Contributions

EXPERIENCE

Grofers Software Engineer (Feb 17 - Present)

- Worked on the Search & Discovery team which handled 120K queries/min.
- Rewrote the product indexing pipeline & reduced the total time taken from 3 hours to 10 minutes.
- Made an Elasticsearch query builder to abstract away complex query writing.
- Mentored an intern and made a PoC for distributed tracing using Jaeger.
- Migrated the system from Ansible to Kubernetes and built custom tooling for automating management of manifests, deployment, configurations & the cluster.
- Led the developer experience team and built an ecosystem that allowed anyone to launch their own staging environment in under 5 minutes

AdWyze Software Engineer Intern (Sep 16 - Dec 16)

Worked on their Rule automation system and built features like action rollback and integrated Twitter platform into their rules engine.

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).

Mozilla Winter of Security Student Developer (Sep 15 - Feb 16)

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

Grofers Software Engineer Intern (Jun 15 - Aug 15)

- Worked on 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.

Pixpa Backend Web Developer Intern (Jun 14 - Aug 14)

Wrote a CRM Tool enabling users to manage & communicate with their customers.

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.