Lavish Aggarwal

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Experience:

Amazon (April 2019 - Present) [Software Development Engineer II]:
- *Stay Tuned*

HackerEarth (May 2016 - April 2019) [Senior Software Engineer]:
- Designed and built a generic and scalable audit log service with multi-tenancy, storage table creation at runtime during tenant registration and async/sync events ingestion.
- Design and built real time notification service responsible for sending web notification.
- Migrated from monolithic to microservices based architecture.
- Handled migration of whole infrastructure from EC2 Classic to VPC in AWS.
- Developed generic reminder system which sends real time browser notifications, SMS and Emails
- Optimized post code evaluation process thereby decreasing evaluation response time and cost.
- Re-architected all the application URLs structure to make it more SEO friendly
- Developed Team Management flow for better management of teams within organization.

HungerBox (Nov 2015 - April 2016) [SOFTWARE ENGINEER]:
- Developed RESTful apis and processes for B2B offerings like daily user feedback, feedback analysis, client dashboards, internal dashboards and supply chain data management in Django-REST framework.
- Configured devops tools for automated deployment, logging, cron jobs and monitoring.
- Automated process using celery and cronjobs.
- Complete ownership to develop, test, deploy and maintain individual modules.

Zopper (Jan 2015 - Oct 2015) [SOFTWARE ENGINEER]:
- Developing **asynchronous RESTful APIs** to serve Android app and IOS app in Tornado web framework.
- Complete ownership to develop, test, deploy and maintain individual modules.
- Configured **Centralized Log System** using *Elasticsearch, Logstash, Kibana* which analyze logs of services running on all servers and also configured **real time streaming of logs** on a centralized system.
- Configured **Centralized Monitoring Tool** - Zabbix, which monitor all running services on all the servers of the organization.
- Involved in complete architectural transition from a **monolithic structure to a distributed system**.
- Part of the **release management team** reviewing code before it is pushed to production.

Technical Skills:

Programming Languages/Frameworks: Python, C, HTML5, CSS, JavaScript, jQuery, Tornado, Django, Django-Rest.
Datastores: MySQL, MongoDB.
Caching/Queuing System: Redis, RabbitMQ, Celery.
Deployment Automation: AWS, Ansible.

Certifications:
- Red Hat Certified Engineer – Certificate ID: 130-156-409.
- Red Hat Certified System Administrator - Certificate ID: 130-156-409.

Open Source Contribution:
- Active Mozilla codebase contributor. (https://www.github.com/lavish205)
- Mentor, speaker and contributor at Mozilla Rajasthan, which has a member count of 500+.

Achievements:
- Winner of Yatra.com Hackathon 2016
- Winner of Zopper.com Hackathon 2015
- Google Student Ambassador 2014-15

Education:
- Graduated from Rajasthan Technical University in Bachelors in Technology (CSE) in 2015 and scored 70%.