Shivam Dixit

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EDUCATION

Degree	Year	Institution/Board	CPI/%
B.Tech	2012-2016	LNM Institute of Information Technology, Jaipur	8.92/10
XII	2011	Delhi Public School, Indirapuram (CBSE)	88.4%
X	2009	Delhi Public School, Indirapuram (CBSE)	83.8%

WORK EXPERIENCE

Kayako - Product Engineer Dec '15 - Present

Leading the DevOps team. Developed Continuous Integration and Continuous Delivery pipeline, developed multiple **microservices** in **Golang** and PHP, reduced build times of the product by >85%, wrote various automation scripts including chat bots. Also looking after the **security**, including regular **penetration testing** and managing the **bug bounty** program on Hackerone.

Kayako - Product Engineer Intern May '15 - Nov '15

Automated the localization of the product on every build. It included scanning of locale files for modifications, submitting the new phrases for translation and committing the translations back once they are finished. Developed & maintained a microservice for automated deployments.

Google Summer Of Code - OWASP Github Summer '14

Developed an application that offers CTF style challenges for learning web application security. Designed challenges that simulate various critical security vulnerabilities like XSS, SQLi, MITM etc.

Mellon Labs - Student Employee Aug '13 - May '15

Maintained AWS cloud infrastructure of the product 'Zeocode' and integrated new features in the product.

Mellon Labs - Web Developer Intern Summer '13

Built a location sharing platform (full stack development) (Zeocode) that is used to encode geographical location and postal address for sharing. Also developed its RESTful API service for the mobile app and clients.

PROJECTS

WebGoatPHP Github May '14 - Aug '14

Open Web Application Security Project (OWASP), GSOC
- Developed a web application which imitates OWASP Top 10 vulnerabilities.
- Users learn by exploiting the vulnerabilities in virtual environment.
- It also offers a platform to host CTF challenges.

Zinger - Vocabulary builder Github Jan '15 - Feb '15

Jaipur Hackathon
- A chrome extension for developing vocabulary.
- Saves the new words on the web with just a mouse click.
- The extension displays flashcards while user is browsing the web.
- Second runner up in Jaipur Hackathon.

More projects on Github account.

OPEN SOURCE

jQuery Github
Improved the visual output of the diff module in jQuery's unit testing framework—QUnit and fixed multiple JavaScript bugs. Total **7 patches** accepted & merged.

phpMyAdmin Github
phpMyAdmin is as application intended to handle the administration of MySQL over the Web. Total **5 patches** accepted & merged.

TopCoder Direct Github
TopCoder direct is a platform for hosting competitions on TopCoder. Total **6 patches** accepted & merged.

TECHNICAL SKILLS

Languages: Golang, C, C++, Java
Web Development: JavaScript, PHP, HTML/CSS, MySQL
Scripting: Ruby, Bash
DevOps: AWS, Git, Chef, Docker, Vagrant, Capistrano, ELK (Elasticsearch, Logstash, Kibana), Jenkins, Travis
Others: Command Line, Consul, LaTeX
Platforms: GNU/Linux, Mac OS X

ACHIEVEMENTS

Secured 1st position in state level bug fixing contest.
Secured 1st position in Intra University Programming Contest.
Runner up in three consecutive Intra University Programming Contests.
Selected in top 150 programmers (out of 10,000+ students) in National Programming League 2012 , NIT Warangal.

POSITIONS OF RESPONSIBILITY

Teaching Assistant (TA) for programming courses.	Jan '14 - Dec '15
Student representative of LNMIIT IT department.	May '14 - May '15
Student representative of CSE department.	May '15 - Dec '15
Table Tennis coordinator of LNMIIT.	June '13 - May '14
Technical reviewer of the book "Twilio Best Practices" (ISBN 139781782175896).	