Alok Pandey

Currently: Final Year Undergraduate in Computer Science & Engineering

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Education

2012-Present Bachelor of Technology, Computer Science & Engineering
Jaypee Institute of Information Technology, Sector-62, Noida
CGPA (till 6th Semester): 9.2

Work Experience

April 2015-Present | **Student Developer at Drupal as part of Google Summer of Code**

As a student developer I am porting print module to Drupal 8. The project involves making use of API's available (mainly Plugin and entity) in Drupal 8 to make architecture more stable and pre-processing of node's content more robust. For seeing ongoing work visit: https://www.drupal.org/project/printable

Nov 2015-Present | **Mentor at Drupal as part of Google Code-In**

As a mentor my job is to make tasks for the pre-university students and evaluate the tasks completed by them during the program. During the program period I will also help them by clearing their doubts and solving bugs.

May 2015-Present | **Member of Drupal project management community**

I am currently a maintainer for two of the Drupal modules: printable and pdf_api. As a maintainer I am responsible for keeping an eye over the issue queue and trying to solve those issues. Also I am responsible for maintaining the quality of project by adding new features to it.

Jun-July 2015 | **Developer Intern at Marg Software Solutions**

Worked on various modules of the project where coding was done in PHP using object oriented approaches. Tested various functions defined in module by using PHP unit test.

Feb-May 2015 | **Developer at Computer Sciences Corporation**

Worked in a team of three to develop a survey tool which created surveys dynamically and then make it available on an app. I mainly worked on browser part.

Jun-Aug 2014 | **Marg Software solution Intern**

Contributed to website (upmededu.in) dealing with health department of Uttar Pradesh Government. Worked extensively on scraping and crawlers (mainly done using PHP and CasperJs).

Dec 2013-Jan 2014 | **ZENEVO TECHNOLOGIES Pvt. Ltd.**

During the internship tenure I learned about web programming languages like JavaScript, PHP, Ajax, CSS while developing a chat application.

Technical Skills

Languages: C, C++, Python
Web scripting: PHP, JavaScript, HTML5, CSS, AJAX, AngularJS
Testing Frameworks: SimpleTest, PHPUnit
Libraries and Framework (Web): jQuery, Jekyll, Drupal, Twig, Twitter Bootstrap
Version Control System: Git
Operating Systems: Windows, Linux
Database Technologies: MySQL

Project Work

Sep-Nov 2014	**Diverse web application** The project provided two kind of services (location based and scraping based service). Location based service dealt with providing details of common services available nearby a given location. The second service aimed to make scraping of data autonomous.
June-Aug 2014	**Scraping of data in real time** The website renders its content by scraping of data in real time from another website. Website is available at this link (moviesnow.site50.net).
June-July 2014	**Development of chrome extension** First extension dealt with notification of Hackerrank contests (link) Another extension dealt with rendering of data directly from IMDB site (link)
Jun-July 2013	**Space havoc game** This project was given as assignment under an online course organised online by Rice University, United States. Implementation done by using python as coding language.
Oct-Dec 2013	**Surgio Managio** Completed this project keeping in mind about necessities of a surgery department in a hospital in day to day life. Software used: MySQL Languages used: SQL
Oct-Nov 2012	**Railway reservation system** This project was implemented in analogous with Indian railways ticket reservation system (IRCTC). Most of the coding was done in C++.

ACHIEVEMENTS AND AWARDS

- Selected as student developer in Google Summer of Code 2015.
- Earned statement of accomplishment after successfully completing a course organised by Rice University, United States by the name of "An introduction to interactive programming in Python".

- As a member of team named 'dealwithit' I qualified for regional contest of ACM ICPC Amritapuri for the year 2015. In the online round my team ranked 17th out of nearly 1600 teams in the country.
- As a member of team named 'dealwithit' I qualified for regional contest of ACM ICPC Kolkata for the year 2015. In the online round my team ranked 7th out of nearly 600 teams in the country.
- Qualified successfully for onsite regional competition of ACM ICPC Kanpur for year 2014 (among 545 teams all over India only 90 were selected)
- Achieved best rank of 280 worldwide and 150 in India on codechef (codechef handle: zealf).
- Participated in development competition of Topcoder and achieved third rank overall.
- Rating of log(n) achieved on Hackerrank and expert status on codeforces (handle: zealfire).
- Qualified for initial round of Google code jam (with third best score), Bayan challenge and Hackerrank Codesprint (around 500 teams were selected of 5000 total teams).
- Most of my project and contributions towards open source can be seen on my GitHub account.
- Developed a blog using Jekyll to post about my project experiences and now it has been added to Drupal planet.
- I was mentioned among top five contributor in the world on codechef forum in month of November, 2013.
- As an active coordinator of programming hub in my college I have organised various coding contests and workshops.