ALOK PANDEY

M-II 59, SECTOR-C   +91-9711477457

JANKIPURAM   iamalok185@gmail.com

LUCKNOW-226021   https://github.com/zealfire

Areas of Interest

.Problem Solving   .Web Development   .Data structure

.Microcontroller programming   . Algorithm analysis   .Problem Troubleshooting

EDUCATION

Bachelor of Technology, Computer Science & Engineering, Expected June 2016
Jaypee Institute Of Information Technology, Sector-62,Noida
CGPA (till 4th Semester) : 9.5

Intermediate, March 2012
St' Francis College, Lucknow
I.S.C (%): 88.25%

High School, March 2010
St' Francis College, Lucknow
ICSE (%): 87%

RELEVANT EXPERIENCE

Marg Software solution Intern June 2014-Aug 2014

. Worked on content management system Drupal

. 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)

.Development of chrome extension(two extensions developed and deported to chrome webstore)

Learner Intern   Dec 2013-Jan 2014

ZENEVO TECHNOLOGIES Pvt. Ltd. , LUCKNOW

Chat Application

- Learned web programming languages like javascript, Php,Ajax,CSS .
- Implementation of multiuser and single user facility in it.

Project Work

Undergraduate Projects

Diverse web application(Sep`14- `14)

- This project provides two kind of services(location based and scraping based service)
- Location based service deals with providing details of common services available nearby a given location
- These location would be decided on basis of pincode
- This part of project would be developed using MVC framework AngularJS
- The second part aims to make scraping of data autonomous and extensively makes use of crawlers developed using php and casperjs
- The project is still ongoing and designing part of website is still remaining.

Developed a website which was mainly developed to show scraping of data in real time(June`14-Aug`14)

- The website renders its content using scraping of data in real time from another website.
- Website is available at this link(moviesnow.site50.net).

Development of chrome extension(June`14-July`14)

- First extension deals with notification of Hackerrank contests([https://chrome.google.com/webstore/detail/koedhnpiplehldjojie oecfjdepplgfd](https://chrome.google.com/webstore/detail/koedhnpiplehldjojieoecfjdepplgfd)).

- Second extension deals with rendering of data directly from IMDB(https://chrome.google.com/webstore/detail/blmfonnhidmbgcpghlbogjgdk dlmdknh)

Object tracking in Real time (Mar.`14-May`14)

- This project deals with detection of objects in real time.
- Implementation done by using: Visual studio(C++) and Open cv.

Hitch Avoider (Feb.`14-May`14)

- Made a Robot which avoids obstruction on road by following the rules of traffic.
- Follows the rule of traffic light too.
- Programming done on Arduino

Space havoc game (Oct.`13-Dec.`13)

- This project was given as assignment under a course organised online by Rice University,United States.
- Implementation done by using python as programming language.

Surgio Managio(Oct.`13-Dec.`13)

- Completed this project keeping in mind about necessities of a surgery department in a hospital in day to day life.
- Software used :ORACLE
- Languages used: SQL, PLSQL

Android application (May`13-June`13)

- Successfully submitted an app in a seminar organised by GTUG (Google technology user group).
- This app mainly concerned with recording system in mobile.

Railway reservation system (Oct.`12-Nov.`12)

- This project was implemented maintaining a similarity with Indian railways ticket reservation system (IRCTC).
- Made use of some basic data structures implemented in C.
- Also implemented some graphic utilities provided by C language.

Technical Skills

System Programming: C, C++, JAVA, Microcontroller based
Web scripting: PHP, javascript,HTML5,CSS,Ajax
Modal view controller: AngularJS,CasperJs
Framework:Bootstrap
Platforms: MATLAB, Eclipse, Visual Studio,Git,Unix terminal, Kiel,ArgoUML
Operating Systems: Windows, Linux
Database: MySQL, Oracle

ACHIEVEMENTS AND AWARDS

- 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".
- Qualified successfully for onsite regional competition of ACM ICPC Kanpur for year 2014(among 545 teams all over India only 90 were selected)
- Present rank of 280 worldwide and 150 in India on codechef(codechef handle:zealf).
- Participated in development competition of Topcoder and achieved third rank overall.
- First position in my branch (computer science),while second position overall in my college among student strength of around 800.
- Rating of $\log(n)$ achieved on Hackerrank(handle:zealfire).
- Achieved status of expert on Codeforces(handle:zealfire).
- Secured first rank in a robotics events organised by Microcontroller Based Systems and Robotics Hub.
- Secured third rank in Knuth programming competition where colleges of NCR region were invited.
- Qualified for intial round of Google code jam with third best score.

- Qualified for elimination round 2nd of Codesprint 2014 organised by Hackerrank(Around 500 teams were selected of 5000 total teams).
- Qualified intial round of Bayan challenge.
- Contributed to open source organisation Drupal.
- Has been an active contributor to various programming forums like geeksforgeeks,codechef,etc.Also was among world's top five contributor on codechef forum in month of November,2013.
- Secured second rank in an event organised on codechef by the name of Algofuzz(event had participants from various colleges).
- Have managed to solve more than 200 question on various programming sites.Mine various handles on different sites are (Codechef:zealf,hackerrank:zealfire,codeforces:zealfire).
- As coordinator of programming hub have organised several programming competitions and also framed question for the same.
- Participated as mentor in hackathon organised by the name Exebit 2014.
- Successfully completed a project which has been open sourced(https://github.com/osdc/graphHack) during a hackathon organised by Open source development club.
- Successfully participated in the event "Jaypee youth parliament" (this event was attended by students from various universities and colleges from Delhi region).