GAURAV SHASTRI

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Educational Background

Examination	Institution	Year	CPI / %
Undergraduate	IIT Jodhpur	2014*	**8.83/10** (SPI: **10/10** in 4th Semester)
CBSE-AISSCE	Bikaner Boys School, Bikaner	2012	93.0 %
CBSE-AISSE	RSV School, Bikaner	2010	10/10

(*- expected to be completed in 2016)   (SPI=Semester Performance Index)   (CPI= Cumulative Performance Index)

Skills and Expertise

Programming Languages	Significant experience with	C++, C, Python
	Familiarity with	Java

Platforms	Linux (Kali, RHEL 6.4, Ubuntu, Fedora), Windows
Web Technologies	HTML5, CSS, JavaScript, PHP (moderate)
Designing Skills	Sony Vegas, Adobe AfterEffects, Adobe Photoshop
Version Control	Git
Others	Ethical hacking (core), Penetration testing and basics of Networking

Projects Pursued

- **Internship at LinuxWorld Jaipur (May-June 2014)**
  - ✔ Developed Hacking & Linux Privileges Escalation Tools on RedHat Linux Server using Python
  - ✔ Deployed and Automated servers remotely on RHEL 6.4 (as part of RHCE/RHCSA training)
- **Carrom-2d** (Academic project under Dr. Gaurav Harit)
  - ✔ Fully functional Carrom game GUI application using python-pygame
    Open-sourced at :- https://github.com/gauravshastri/Carrom2D
- **Library Database Management System** (Academic Project under Dr. Venkat Ramana Badarla)
  - ✔ Dealt with issuance, renewal and maintenance of Library books using C++
  - ✔ Implemented using AVL trees and file handling methods.
- **PyChat** (https://github.com/gauravshastri/PyChat)
  - ✔ Basic command-line chat application built using socket programming in Python
  - ✔ Added remote system monitoring feature for system administrators

Achievements

- Awarded **Certificate of Merit** by CBSE in 2010 (given to top 0.1% students in India)
- Got Selected in **Kishore Vaigyanik Protsahan Yojana(KVPY)-**2012 (Among top 800 in India)
- Awarded **Gold medal** in 2010 and **Cash award of 25000 INR** by Dainik Bhaskar, Jaipur in 2012
- **All India Rank-130** in NSTSE-2012 and **State Rank-11** in SilverZone International Olympiad of Science-2012
- Won several Quiz Contests at S**tate**, Zonal and College level

Extra Curricular Activities

- **Coordinator, Quiz Club IIT Jodhpur** & **QuizMaster** Ignus'14 (Annual Techno-Cult Fest of IITJ)
- Core Member, Programming and Web designing Club IITJ
- Core Member of Frame- X (Video Editing and Film making club)
- **Conference/Workshop Attended**: *Conf.KDE, DAIICT, Gandhinagar*
  Open Source Workshop and hands-on session by experts from the Qt and KDE community