Resume'

Name: Tushar Agarwal
Current Employer: Cisco Systems, Bangalore
Profile: Software Engineer

ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	%/CGPA
B.E.(Information Technology)	2014	Netaji Subhas Institute of Technology, Delhi University	77.56
Class XII	2010	Delhi Public School, Dwarka (CBSE)	89
Class X	2008	St. Francis De Sales School, Janakpuri (CBSE)	91.8

PROJECTS

Current Job role at Cisco

- Part of TDM(Time division multiplexing) team. Job requires to code drivers primarily in C for Cisco ASR-900 series of routers. Currently working on implementation of ATM L3 termination protocol at the Service Provider end.

Research Work at College

- Written a **research paper** titled **"*DETECTION OF MALICIOUS ROUTE IN WIRELESS ADHOC NETWORKS*"** which was accepted for publication in **IEEE** Xplore
- **Presented** the paper at the **2012 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) held at Coimbatore, Tamil Nadu in December 2012**
- The research described Innovation in Mobile Data Security Algorithm, using threshold cryptography for transmission of data. I lead development of the algorithm for detection of malicious security routes to identify any corruption of data (if any) on regeneration.

Development

- Developed **TinkIt**(www.tinkitapp.com) an android app. It is Q&A based recommendations app that lets you get trusted opinions/reviews from friends and experts on topics like Electronics, Apps, Movies, Restaurants & Doctors.
- Developed Geeks@i-pupil (www.geeks.i-pupil.com), a web application with video tutorials for programming interviews.

INTERNSHIPS

- Completed training, with **National Informatics Centre (NIC)** for a period of 15 days in the month of July 2012. I built website using **ASP.Net** technology in visual studio and created databases using **Microsoft SQL server**

ACADEMIC DISTINCTIONS

- **IITJEE RANK HOLDER (6088),** Merit certificate for scoring 85 in Hindi in class X boards, Fiitjee talent reward exam – 3rd in zone (2007), Hindi poetry recitation competition at Inter School level (2007- 2nd prize), Outstanding General proficiency in class IX at school(2007), Continuous scholar Badge/ Merit certificate holder for academic performance at school since class 2, Merit certificate in National Mathematics Olympiad Contest: 2007, Consolation prize in Keyboard playing (2006), Student Leadership squad (Prefect - 2003)

TECHNICAL SKILLS

- C , C++ basics, Data Structures
- Working on Microsoft visual studio asp.Net platform,
- PHP,SQL , Android Developer, Java Basics
- HTML ,HTML5, CSS, Javascript(basic),XML, Joomla, CMS
- Linux

EXTRA CURRICULAR ACHIEVEMENTS

- Enjoy writing and have articles published in Times of India (TOI) as Young Student Reporter. Achieved an award for successfully representing the school for the same
- Synthesizer playing - Completed Junior Diploma
- **Working at College fests**
- Organized and managed the following events:
    C++ QUIZ at INNOVISION 2011
    LINUX CHALLENGE AT INNOVISION 2012

INTERESTS

Casio Keyboard, movies, reading fiction, travelling, socializing