tushar.sharma1729@gmail.com

+91:9837264416

TUSHAR SHARMA

github.com/tushar-sharma

tushar-sharma.github.com

EMPLOYMENT

| **Intern** | **ONGC** | **May 2012 – June 2012** |

- Had the opportunity to study the intranet of ONGC. Learnt about various servers installed and ways to configure it

EDUCATION

| **Gainesville, FL** | **University of Florida** | **January 2013 – June 2013** |

- Senior Certificate, Software Engineering
- Coursework: Operating System, Computer Networks, Database Management System, Software Testing.

| **Solan, HP** | **JUIT** | **July 2009 – June 2013** |

- B.tech, Electronics and Communication
- Computer Coursework: Data structures, Unix, Object Oriented Programming, Microprocessor and Controller.

TECHNICAL EXPERIENCE

Personal Projects

- **Encrypted File System (2013):** Implemented encrypted file system in Minix 3 operating system. Each user request the virtual file system to encrypt/decrypt his file. Cipher used is simple Caesar's cipher. C
- **Binary Semaphore (2013):** Semaphores are locks used to safeguard critical sections of a operating system. Using dining philosopher algorithm, implemented binary semaphore among multiple processes in Minix 3. C
- **Cryptography (2012):** Built my final year project on private key cryptography. Implemented standards like DES, AES and RC4. C++, Python

INTERESTS AND ACTIVITIES

- **Deputy Co-ordinator (2009-2013):** Had the opportunity to learn and lead members of technical club at JUIT to design and maintain fest websites and other online events. Organized and managed monthly technical workshop for the students.
- **Praudyogikii-11:** Reached the semi-final of the Inter-College Quiz festiva at Chitkara University.
- **Technical Fest-11:** Secured first position in Android development in the fest at JUIT.
- **Technical Fest-11:** Secured second position in web development in the fest at JUIT.
- Avid blogger and thoroughly enjoys travelling and dance.

LANGUAGES AND TECHNOLOGIES

Languages and Markups: C, C++, Java, HTML5, CSS, SQL
Tools: Android SDK, Git, Eclipse
Operating System: Windows, GNU/Linux