

# Tushar Sharma

A student for life

91-9837-264416  
[tushar@randomwits.com](mailto:tushar@randomwits.com)

1A/1 Nimbuwala  
Garhi Cantt, Dehradun, UK

Hi, I'm Tushar. I'm a software developer living in Gurgaon.

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## University of Florida

Senior Certificate in Computer Engineering  
Spring 2013

## Jaypee University of Information Technology

B.Tech in Electronics & Communication  
2009-2013

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## Projects

### Encrypted File System

<http://randomwits.com/projects/encrypt-files/>

April 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.

### Technologies Utilized

| C

| Minix 3

| Vim



# Binary Semaphore

<http://randomwits.com/projects/binary-semaphore/>

April 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

## Technologies Utilized

| C

| Minix 3

| Vim

# Cryptography

<http://randomwits.com/projects/>

April 2013

Built my final year project on private key cryptography. Implemented standards like DES, AES and RC4.

## Technologies Utilized

| C++

| Python

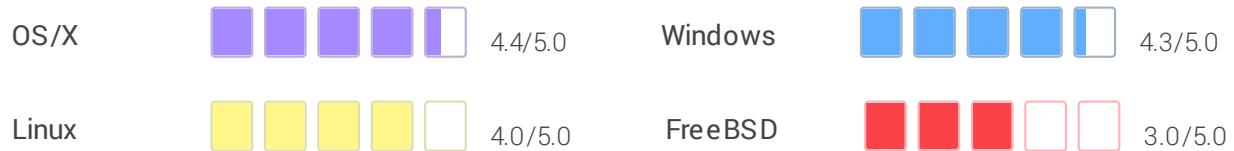
# Language Proficiency

Languages are just tools to make a job done. Different languages are suited for different jobs.

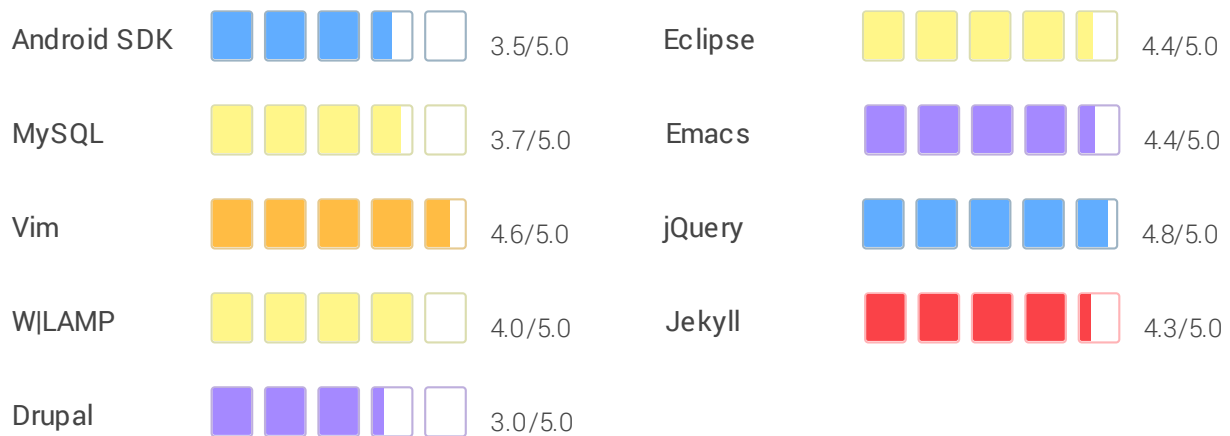


# Operating System Proficiency

I have experienced with different operating systems, though Linux is my favourite.



# Tool and Environment Proficiency





# Professional Experience

Emoxha India - Software Engineer

<http://www.emoxshaindia.com/>

Oct 2013 - Present

| C#

| .NET

