

Areas of Interest

- Web architecture and Scalability
- Object oriented software Development
- Data structure and Algorithms
- Linux (Development and deployment)

Achievements

- Secured 11th AIR in Codechef September monthly contest and maintained top 30 positions in several monthly contests after that at codechef.
- Represented college's programming team in IIT Roorkee technical festival cognizance 2010.
- Co-ordinated Programming Quest and developed an AI based tank game for the same in Abhikalpan10.
- In abhikalpan09 won third place in the event Duplicode.

Experience

- **Fab.com India, Pune (April 2013 to Current)**

Senior Software Engineer

I am currently working with marketing and web analytics team at fab.com. Following are the key projects on which I worked at Fab.com.

Web Tracking Framework

Developed an in-house web-tracking framework to track user activities across site. And later use collected data for analytics and personalization purposes. Technical stack for this project was combination of Ruby, Redshift, and aws-s3.

AB Testing Framework

Developed an in-house AB-testing framework to test the conversion/performance of different features across fab.com. This framework is heavily used across different teams and product managers at fab for testing new features/UI changes with the base versions.

Offer Framework

Developed a rule-based framework to create different types of offers to increase the user engagement on fab.com. Framework had the flexibility to create dynamic priced offers with different set of possible rules, which decides the applicability of offer to user.

- **Innopark India, Hyderabad (June 2012 to April 2013)**

- Associate Software Engineer**

- I was involved with the development of following at Innopark.

- Rummy Game Server

- Rummy game server mainly consisted of game, wagering and winning logic of different types of rummy games. I have been involved the initial development of this and have written quite large portion of it. Technical stack for this project was combination of Python, Cassandra, Redis and MySQL.

- Bingo Game Server

- I have been involved with the full development of bingo game server. The technical stack for bingo server is exactly same as rummy server.

- Nucleus Server

- This basically consists of profile, transaction and other API, which above game servers require. I have been involved this project on time to time basis.

- Technologies Used: - Linux, Python, PHP, JavaScript, C++

- **Adobe System, Bangalore (6 months)**

- Software Development Intern**

- Adobe Presenter Video Creator – Internship Project

- This was my internship project in Adobe, Bangalore. Adobe Presenter Video Creator is an important part of Adobe Presenter 8. This tool is used to record and create a mixed video of two different video sources. I was responsible for developing first prototype model and contributed in development of OpenGL based core libraries as well as user interface design and implementation.

- Technologies Used: -OpenGL, GDI, ActionScript, C++

Skills

Operating Systems	Linux (Ubuntu), Windows 7 / Vista
Programming Languages	Python, C, C++, Ruby
Web Technologies	HTML, JavaScript, Rails
Databases	MySQL, Cassandra
IDE and APIs	Vim, Visual Studio, Eclipse

Educational Qualification

- Indian Institute of Information Technology, Jabalpur
Computer Science and Engineering
August 2008 – May 2008 (CPI 6.0/10)
- Rajeev Gandhi Navodaya Vidyalaya, Dehradun.
AISSE 2008 (70%)
AISSE 2006 (89%)