

Malay Keshav

IT Batch 2010-2014,

Netaji Subhas Institute of Technology

131 Diamond Square Apartments
Plot 13A, Sector 6,
Dwarka, New Delhi
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Age: 22, Gender : Male

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Technical Skills

Programming Languages

Experienced : C, C++, Python

Intermediate: Java,

Objective C,

Web Development

HTML, XML, CSS, SQL, PHP,

AngularJS, Spring,

Play Framework

Software

Intellij, xCode (MAC) , Terminal/Shell , Adobe Creative

Suite and 3D designing suites.

Contest Rankings

TopCoder

malay.keshav : **Handle**

1440 : **Highest**

Rating

CodeForces

Kyuubi : **Handle**

1738 : **Highest**

Rating

Google Codejam

Handle : Kyuubi

2014 (Qualification) : 1978

2011 (Round 1c) : 611

Codechef (India)

Handle : malaykeshav

Feb Long 2013 Rank: 13

March Long 2013 Rank: 27

June Long 2013 Rank: 44

July Long 2013 Rank: 29



www.malaykeshav.me

Objective

- Gain a position in the field of **Software Engineering**.

Academic Qualifications

Degree/Class	Specialization/Board	Institute	Passing Year/Duration	Percentage
B.E. (Till 8th Semester)	Information Technology	Netaji Subhas Institute of Technology	2010-2014	71.48
12th	C.B.S.E	Delhi Public School , Dwarka, New Delhi	2009	82
10th	C.B.S.E	Delhi Public School , Dwarka, New Delhi	2007	89

Projects

Client For Peer to Peer Media Streaming

- Developed a **Peer to Peer** application in Python based on the **Bit Torrent Protocol**.
- Implemented **Asynchronous Event Driven Approach** to avoid Multi Thread Complexity.

Hedgewars Open Source Project

- Worked on the AI section of the Game, developed AI for various weapons using **Free Pascal** and worked with algorithms like the A* algorithm.
- Gained experience in **Computer Graphics** and **In-Game Physics**.

AI development

- Developed a **Machine Learning Algorithm** to classify tweets into **any two** categories with an average accuracy of **95%**.
- Developed the AI for a Game of Tron and Poker using algorithms like the Min-Max, Flood Fill and general Logic to play against 6 opponents simultaneously.

Work Experience

DIRECTI (Media.NET) [July 2014 - Present]

In-House Training Project (Position : *Software Engineer*)

- Used the Play Framework to create a **JSON API server**.
- Developed a **Cluster algorithm** to **dynamically generate** itinerary based on user Input.
- Used the AngularJS Framework to develop a **highly functional** and **interactive UI**.
- Developed a **Web Scraper** in Python to scrape all the required data.

ZOMATO [June 2013-July 2013]

Position : *Intern*

- Developed a **custom UI interface from scratch** while simultaneously implementing the features of a Drag Down bar and Pull Down table **combined in one**.
- Used **RestKit Open Source Library** for JSON interaction with the server.
- Developed a **cache system** using the CORE DATA for offline content access.

Positions of Responsibility

- Head** of Junoon—The Official Photography Society of NSIT.
- Executive Board Member** for CSI-NSIT Chapter.
- Head** of Graphic Design Team at Resonanz 2011 (Mini Cultural Fest of NSIT).
- Head** of Programming Dept. at the Computer Society of DPS Dwarka (2007-2009).

Extra curricular achievements and activities

- Secured the **First position** at **IIT Bombay** Technical Fest Programming Event 2011.
- Won the award of "**Tech Genius of the Year**", DPS Dwarka 2009.
- Secured **First Position** in Programming Event , Minet 2009.
- Secured **First Position** in Programming Event , Dynamix 2009.