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Software Developer and Programmer
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[LinkedIn Profile](#)

Education

- 2011–2015 **Bachelor of Technology in Computer Science and Engineering**, *International Institute of Information Technology Hyderabad*, **CGPA – 9.32**.
(expected)
2011 **Senior Secondary Examination**, *MVN Sector-17, Haryana*, CBSE Board, **Percentage – 92.00%**.
2011 **Higher Secondary Examination**, *MVN Aravali Hills, Haryana*, CBSE Board, **Percentage – 98.20%**.

Experience

- May–July'14 **Software Engineering Intern**, GOOGLE.
Worked with **Dasher Reporting Team** at Google Hyderabad on Automated Reporting Backend.
March'14– **Open Source Developer**, BENETECH.
Present Developed the **MathML Cloud API** and deployed it on the Google Compute Engine, under Google Summer of Code 2014.
Jan–April'14 **Teaching Assistant**, IIIT HYDERABAD.
Worked as a Teaching Assistant for **Artificial Intelligence** course.
Aug–Oct'13 **Software Development Intern**, INFO ASSEMBLY.
Worked with InfoAssembly (US based startup) to build their **database** using mongodb NoSQL database. Developed **Web Framework** using Node.js and Angular.

Achievements

- 2014 Selected for **Google Summer Of Code 2014**.
2013 Selected for **ACM ICPC 2013 Asia Amritapuri Regional**. Team: beginners-4
2012 Awarded the **Dean's Merit List** for all semesters till date.
2011 Secured **All India Rank 2172 (99.78 percentile)** in AIEEE 2011.
2011 Secured **All India Rank 4987 (99.05 percentile)** in IIT-JEE 2011.
2009 Was one amongst 100 meritorious students to witness 2010 Republic Day Parade from **Prime Minister's Box** for securing **All India Rank 3** in CBSE 10th Board Exam.
2007 Cleared all but the interview level in **National Talent Search Examination 2007**.

Projects

Automated Reporting Backend

- Guide **Venkatramaiah Polasanapalli, Rahul Kuchhal**, Google.
Worked on automating the rerunning of *Analytics pipeline* which reads data provided by different Application teams like gmail, gplus and integrate into Dasher Reporting backend.

Wikipedia Search Engine

- Guide **Prof. Vasudev Verma**.
Designed a scalable and efficient search engine using 40GB of Wikipedia data.

Entity Linking in Social Media

Guide **Prof. Vasudev Verma.**

The project aimed at extracting context and meaning of a sentence from a tweet and linking it to a Wikipedia page for better understanding of the context.

E-classroom

Guide **Prof. Kavita Vemuri.**

Developed an *Intranet based Virtual Classroom* that facilitates learning through videos, audios and builds a multi-tasking and multi-sourcing learning platform.

Automated Semantic Tagging of Speech and Audio data

Guide **Prof. Kishore S. Prahallad.**

The aim of project is to build a machine learning algorithm to automatically tag the unknown audio and speech data into different semantic categories.

File Transfer Application Layer Protocol

Guide **Prof. Brudheshwar Behzawada .**

Application layer transfer protocol with support for file upload/download and indexed searching, using both TCP and UDP protocols.

Technical skills

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|-----------|---|
| Languages | C(Advanced), C++(Advanced), Bash(Moderate), Python(Moderate), Java(Basic) |
| Web | HTML5(Advanced), Php(Moderate), Javascript(Moderate) |
| Databases | MySQL(Moderate), NoSql(Basic), mongodb(Basic) |
| Platforms | Linux, Windows, Android |
| Tools | Vim(Advanced), Eclipse(Moderate), Matlab(Basic), Emacs(Basic), L ^A T _E X(Basic) |

Programming Statistics

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|----------|--|
| Github | Open Source Contribution – mohit-agarwal |
| SPOJ | pt_019 |
| Codechef | pt_019 |

Other Interests

- Contributing to **Open Source**. Worked on [browserid](#) product of Mozilla.
- **Blogging** on [Shell programming](#).
- Active member of **Arts** Club and **Adventure** Club of IIIT-H.

I hereby declare that the above information is correct to the best of my knowledge.

Last updated on August 5, 2014.