

### Education

- 2016–2018 **M.tech in Computer Science Engineering**, *International Institute of Information Technology*, Hyderabad, *CGPA-7.2*.
- 2012–2016 **B.E. in Computer Science Engineering**, *LNCT*, Bhopal, *CGPA-8.67*.
- 2011–2012 **Higher Secondary Education**, *Jawaharlal Nehru School*, Bhopal, *Percentage-86%*.
- 2009–2010 **Secondary Education**, *Jawaharlal Nehru School*, Bhopal, *Percentage-87.4%*.

### Projects

- Wiki Search Engine This project involves building a search engine on the Wikipedia Data Dump without using any external index.  
Language: Java
- Road Traffic Sign Detection and Recognition System The project focuses on 'Automatic road traffic sign detection and recognition', the important part of an advanced driver assistance system. The project runs the algorithms on the "German Traffic Sign Recognition Benchmark" dataset.  
Language: Python
- Serverless Architecture Implemented a Serverless Architecture which have different services such as Authentication, Logging, File Service, Data Service, etc which are in distributed manner in the Serverless Platform. This platform is similar to AWS Lambda which can be used by Application Developers to develop applications.  
Language: JAVA
- Expert Based SVM Implemented a Multi-expert Based SVM (Support Vector Machine) which tracks motion of a moving object. It uses MEEM (Multiple experts using Entropy Minimization) for online tracking.  
Platform: MATLAB
- UNIX Shell Implemented UNIX shell similar to Linux shell which including piping, history, I/O redirection, environment variables, internal-external commands.  
Language: C++
- Pastry Implemented a Distributed Hash Table for multiple servers of the underlying decentralized distributed network. Pastry routing algorithm is used for peer-to-peer data transfer.  
Language: C++

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## Mini Projects

Language Identification System for Code-mixed Social Media Text Analysis	It deals with identification of language for bi-lingual(Hindi/English) code-mixed Tweets using Neural Network. Language: Python
Mini SQL Engine	Implemented Mini SQL Engine which performs basic Select queries with WHERE conditions and JOIN of multiple tables.It also performs various aggregate functions. Language: Python
LAN file sharing system	Implemented a centralized LAN file sharing system using socket programming with a central repository which transfers files to client's system. Language: C++

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## Computer Skills

Programming Languages	<b>C,C++,CORE JAVA(Basic)</b>
Scripting Languages	<b>Python,Bash</b>
Operating Systems	<b>Linux,Windows</b>
Database	<b>MySQL,Oracle 10g</b>

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## Achievements

- 1 All India Rank 45 and City Rank 2 nd in Indian Engineering Olympiad 2016.
- 2 Qualified GATE 2016 with Gate Score 504 and rank 3886 .