

# Vishesh Sharma

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Final Year Student pursuing B.Tech CSE at LNMIIT (7th Sem).

Codeforces: Shutterbug, Codechef: vishesh345, Hackerrank: vishesh\_345.

## Achievements

- **Qualified for ACM ICPC Regionals, 2019** with online rank **271**.
- **Received Scholarship** for 6 semester (Batch **Topper**) for acquiring **9.5+ GPA** at LNMIIT (B.Tech CSE).
- Qualified **CCDSAP Advanced Level** Certification Exam.
- **2 bronze medal** in HackerRank Global online contest.
- Division 2 **Global Rank 29** in CodeChef March Lunchtime 2019, **Global Rank 95** in CodeChef March Cook Off 2019.
- **2<sup>nd</sup>** Rank at Onsite Contest organised by **Manipal Jaipur**.
- **4<sup>th</sup>** Rank at Onsite Contest organised by **IIIT Gwalior**.
- **10<sup>th</sup>** Rank in IUPC (Inter University Programming Contest) organised at **LNMIIT**.
- Participated in more than **300 online contest** collectively on different sites like Codeforces, Codechef, CSAcademy, AtCoder, HackerRank and HackerEarth.

## Internship & Positions of Responsibility

- **Software Engineering Intern, Amazon** May 2019 - July 2019.
  - **Dynamic Report Generator:** Designed and implemented a microservice from scratch for generating huge reports dynamically on the basis of user preferences like language, currency, site & role of user and type of report.
  - Automated report generation process.
  - Wrote 4000 lines of code (**currently in production**) with unit testing using frameworks like **Mockito** and **PowerMockito**.
  - Technology Used are **AWS RDS, S3, Java, Python, Lambda**.
- **Teaching Assistant, Data Structures Lab** Jan 2019 - May 2019.  
Mentored UG 1<sup>st</sup> year students as a Teaching Assistant in their Data Structures Lab Course
- **Problem Setter & Tester, Hackerearth & Codechef** Aug 2017 - Present.  
Problem setting, testing and editorials for online contest held on HackerEarth & Codechef.

## Projects

- **Data Structure Visualization** Aug 2018 - Dec 2018.
  - Desktop Application to display animation of different algorithms like MergeSort, QuickSort.
  - Technology Used are **JavaScript, QueryMarkUp Language and Qt Framework**.
- **Bus Booking App** Jan 2018 - Mar 2018.
  - App for automating bus management system with a word of appreciation from Director.
  - **Key features:** Booking of seats, dynamic information of seats as well as Paytm integrated transaction system.
  - Technology Used are **WebHost** for server, **phpMyAdmin** to interact with database, **PHP, Java**.
- **NBA Accreditation** Aug 2018 - Dec 2018.
  - Web based tool in order to automate most of the manual evaluation patterns.
  - Generation of individual B.Tech courses reports to be submitted to NBA.
  - **Key Features:** Extraction & Mapping of Course Outcome & Question Paper Generation, Automated evaluation of course outcomes, CIF Upload.
  - Automated Feedback Form and Response Management.
  - Technology Used are **JSP, HTML, CSS, Apache POI(Java)**

## Skills and Interests






Languages **JAVA, SQL, C++, C, PYTHON**

IDE **ECLIPSE, NETBEANS, ANDROID STUDIO, VISUALSTUDIO, CODEBLOCKS**

Tools **GIT, APACHE TOMCAT, LATEX, S3, AWS RDS**

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