



## Ashutosh Kumar

Master of Science (Computer Applications)  
Symbiosis Institute of Computer Studies and Research  
Specialization - Software Development  
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PG Second Year  
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Male  
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Examination	University	Institute	Year	CPI%
Post Graduation	Symbiosis International University	Symbiosis Institute Of Computer Studies and Research	Ongoing	93.8
Graduation	Symbiosis International University	Symbiosis Institute Of Computer Studies and Research	2019	92.0
Intermediate/+2	ISC Board	DBMS English School	2016	92.25
Matriculation	ICSE Board	Sri Krishna Public School	2014	88.8

## Scholastic Achievements

- Time magazine's Person of the Year November 17, 2006
- AIR 26 MHCET April 13, 2019
- BCA Gold Medalist (9.2 CGPA) December 9, 2019
- Best Upcoming Student Branch of the year 2019 India (IEEE Student Branch SICSR) December 16, 2019
- Student Chair of the year 2019 IEEE Pune Section January 10, 2020
- MSC CA 9.38 CGPA June 2019 - Ongoing

## Internship

- Project Intern, Symbiosis Institute of Geoinformatics**  
**Drought Monitoring System** **October 2018 - November 2019**  
Project developed by Symbiosis Institute of Geoinformatics to determine satellite images of areas in India and monitor their situation for Drought. Government of India initiative and funded project.
- Web Developer Tara Mobile Creches (NGO)** **November 2017 - March 2018**  
TMC (Tara Mobile Creches) is an NGO in Pune, Maharashtra, development of website.

## Academic Projects

- Boot Time Reduction** **November 2019 - March 2020**  
The Research involved understanding complexities of boot time. Working to improve upon the boot time by reduction of processes which is highly effective for Cloud Infrastructure. Research project under software project management.

- Cassandra API** **March 20, 2020 - March 31, 2020**  
 Developed an API in python for feeding data to Cassandra database using faker module. database using python for more than 1K records.
- Video Downloader** **April 2, 2020 - April 7, 2020**  
 Developed video downloader desktop application using python. The application provides multiple tabs for link download and Youtube video downloads using pafy module and PyQt5 for GUI.
- Alumnite Connect** <http://alumnite.in/> **November 2018 - April 2019**  
 An Alumni Portal to help educational institutions manage all the relevant data with effective management techniques. The application and website were developed using technologies - Android, PHP, XML, JSON, AJAX, Java and using MySQL for data storage and management.
- QR-Code Attendance System** **November 2018 - March 2019**  
<https://taramobilecrechespune.org/payroll/>  
 Developed an automated attendance system using QR Code for TMC (Tara Mobile Creches) is an NGO in Pune, Maharashtra to improve their attendance management and data tracking for employees.
- SICSR ACM Website** <http://sicsr.acm.org/> **June 2019 - October 2019**  
 Developed SICSR ACM Official Website. ACM, the world's largest educational and scientific computing society encourages Student's participation.
- ODS to CSV** **December 2018 - March 2019**  
 Developed a file conversion system using C for converting ODS file to CSV.  
 Developed XML parser to efficiently and with ease manage XML data. Researched about various file formats.
- Eureka Travel** **June 2018 - November 2018**  
<https://github.com/Ashutoshcoder/Java-Codes/tree/master/Swings%20Project>  
 Java based desktop application for booking tickets of flights, train and bus for hassle free and better experience for users.

## Platforms Worked

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- Operating System** - Linux Ubuntu, Fedora, Mint, Windows, Mac OS
- Programming Skills** - Java (SE, ME, EE), C, Python
- Web Development** – HTML, CSS, Bootstrap, JS, PHP, Drupal
- Version Control** - Git
- Problem Solving** - Algorithms and Data Structures, Project Euler, Hackerrank
- 3D Modeling** - Blender

## Position of Responsibility

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- Chief Editor & Technical Team Lead, ACM** **November 2019 - Present**  
 Author for multiple blogs and Technical Head for ACM SICSR

- **Chairman IEEE Student Branch, IEEE** **January 2018 - August 2019**  
Chairman of IEEE Student Branch at SICSR and Founding Team Member
- **Public Speaker - gnuNify 2019** **November 2018 - February 2019**  
Automating the boring stuff with Python
- **DSC Core Team Member** **January 2018 - December 2019**  
Developer Student Clubs are community groups for students interested in Google developer technologies. Worked on Android app development.
- **Teaching Assistant** **June 2017 - June 2018**  
Conducting evening sessions for doubt assistance and managing online platform Moodle for assignment, quizzes and other class activities.

## Extracurricular Activities

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|--|---|
| • <b>Organiser gnuNify 2019</b>          | gnuNify is Pune's largest open source event   |
| • <b>ACM Hour of Code 2019</b>           | 4th ACM-W National level hackathon volunteer  |
| • <b>gnuNify 2018 Volunteer</b>          | Tech team lead                                |
| • <b>Tara Mobile Creches NGO</b>         | Web developer                                 |
| • <b>Internshala Student Partner 9.0</b> | Promoting and marketing Internshala           |
| • <b>Badminton</b>                       | Played as district team member                |
| • <b>Football</b>                        | Played as inside forward for college team     |
| • <b>Cricket</b>                         | Qualified summer camp for district tournament |

## Certifications

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| • Architecting with Google Compute Engine Specialization | Coursera   |
| • Cloud Study Jam-Kubernetes Engine                      | Qwik Start |
| • Git and Github   | Udacity    |
| • Android Basics   | Udacity    |

## Technical Profiles

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| • <b>LinkedIn</b>      | <a href="https://www.linkedin.com/in/ashutosh-kumar-585a50128/">https://www.linkedin.com/in/ashutosh-kumar-585a50128/</a> |
| • <b>HackerRank</b>    | <a href="https://www.hackerrank.com/ashutoshkumardb1?hr_r=1">https://www.hackerrank.com/ashutoshkumardb1?hr_r=1</a>       |
| • <b>Github</b>        | <a href="https://github.com/Ashutoshcoder">https://github.com/Ashutoshcoder</a>   |
| • <b>Dev.to</b>        | <a href="https://dev.to/ashutoshcoder">https://dev.to/ashutoshcoder</a>   |
| • <b>GeeksforGeeks</b> | <a href="https://bit.ly/2ytpYY">https://bit.ly/2ytpYY</a>   |
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