

# Ashish Chander

3<sup>rd</sup> year B.Tech,  
Computer Science & Engineering  
BMS College of Engineering ,  
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A passionate programmer and learner interested in solving problems. Ready to explore and learn new things irrespective of the stream to improvise and apply them to real world problems. Ready to meet and work with people to learn and work together for a better future.

## Contact Details

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## Education

2017-21	Currently in 3 <sup>rd</sup> Year(6 <sup>th</sup> sem) BMS College of Engineering, Bangalore Bachelor of Technology, Computer Science & Engineering	9.43 cgpa
2015-17	2 <sup>nd</sup> PUC (Board Examination) RV PU College ,Bangalore Karnataka Pre-University Board	94%
2006-15	10 <sup>th</sup> (SSLC Board Examination) Sri Kumarans Childrens Home ,Bangalore Karnataka Secondary Education Board	95.36%

## Workshops and Courses

Sep'19	<b>BlockChain Workshop,BMSCE</b> <ul style="list-style-type: none"><li>• Attended 15hour workshop.</li><li>• Learned fundamentals in solidity language.</li><li>• Deployed our first smart contract on Ethereum.</li></ul>
Aug'18	<b>BlockChain Architecture and Concepts ,BMSIT&amp;M</b> <ul style="list-style-type: none"><li>• Underwent a 6-days training and in concepts and implementation of blockchain.</li><li>• Worked on basics of blockchain implementation.</li><li>• Concepts of Crypto-currency and Bitcoin Network.</li><li>• Attachments<ul style="list-style-type: none"><li>• Certificate- <a href="https://drive.google.com/open?id=1aXPaDkaRgeqNxUwpDSZyCsegcSnaxkST">https://drive.google.com/open?id=1aXPaDkaRgeqNxUwpDSZyCsegcSnaxkST</a></li><li>• Authentication - <a href="https://sertify.me/verify/de121b8d6111b31a21c85dd431f3f819">https://sertify.me/verify/de121b8d6111b31a21c85dd431f3f819</a></li></ul></li></ul>
Apr'18	<b>Introduction to Web Development ,BMSIT&amp;M</b> <ul style="list-style-type: none"><li>• Underwent 5-days training and workshop.</li><li>• Worked on HTML,CSS,JS on frontend and MySQL,PHP on backend.</li><li>• Hosted a Basic functional Website at the end of workshop.</li></ul>
Feb'18	<b>Nanomaterials and Technology,BMSIT&amp;M</b> <p>Attended 6-days workshop.</p> <ul style="list-style-type: none"><li>• Visited Jawaharlal Nehru Centre for Advanced Research as a part of workshop to learn about scientific research methods.</li><li>• Certificate- <a href="https://drive.google.com/open?id=1BQmx1PsJ3F6TNf81fdnPVGVMmOyCqHYy">https://drive.google.com/open?id=1BQmx1PsJ3F6TNf81fdnPVGVMmOyCqHYy</a></li></ul>

## Academic Projects

Mar'20	<b>BMSCE CSE Department Student Portal App</b> <ul style="list-style-type: none"><li>• <b>Shortly to be implemented in the department of CSE ,BMSCE.</b></li><li>• Student and faculty have different access and permissions.</li><li>• Registered students get access to information about upcoming workshops and contests. On enrolling to it, one can set reminders for the event on their phone.</li><li>• Students can register to online classrooms by entering class code and class name which are provided by the faculty .</li><li>• In classroom ,students can chat with their classmates and the faculty regarding any queries or doubts. It also has section where all the materials of that subject are available to the student.</li></ul>
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Nov'19

- Faculty can add contests, workshops and also create new classrooms and post study materials in the classrooms respectively.
- Github link : <https://github.com/ashishedu98/BMSCE-DeptApp>
- Report link:  
<https://drive.google.com/file/d/1V9HpW1yhxugWXU1xT2ElXM4B0ISlIFd8/view?usp=sharing>

### **Security Surveillance System**

- Made use of OpenCv for image vision and processing.
  - Face recognition enabled wireless security camera.
  - Prototyped on Raspberry Pi and Pi camera.
  - On detecting criminals , saves their last spotted location and timestamp.
  - Easier to maintain records of criminals and their recent activities.
  - Easy to track and catch a criminal and saves time.
  - On detecting a most wanted criminal , it alerts the security by a call and message.
- Github link : <https://github.com/AshishChander/Security-Surveillance-System>  
Report link :  
[https://drive.google.com/file/d/1hCWL\\_a\\_13vuDhx4U8XZev6tjK5MHwok8r/view?usp=sharing](https://drive.google.com/file/d/1hCWL_a_13vuDhx4U8XZev6tjK5MHwok8r/view?usp=sharing)

Apr'19

### **Proctor Management System**

- A fully functional website for student proctor communication.
- It's a platform to register for new courses for students.
- Platform for Proctors to notify students of their attendance status and marks.
- Github link: <https://github.com/AshishChander/ProctorManagementSystem>
- Report link:  
[https://drive.google.com/open?id=117vr6EIU\\_RLdFRn-F8b1qaJHx6gbArvD](https://drive.google.com/open?id=117vr6EIU_RLdFRn-F8b1qaJHx6gbArvD)

Mar'19

### **Working of Multibus Architecture**

User interactive interface using applets in Java.

Feb'19

### **A simple Java Game**

User interactive game using applets and Event handling in Java.

Github link: <https://github.com/AshishChander/Desert-Dash>

Report Link:

<https://drive.google.com/file/d/1-gK1h4lOeZpeaLFmCiZTioj3pfemGcYO/view?usp=sharing>

Nov'18

### **Library Management System**

- User interactive program without GUI in C++.
- Allows to add new books, issue books and return books.
- User can view if the required book is available at the time.

## Technical Skills

Programming Languages	<ul style="list-style-type: none"><li>• C++</li><li>• Java</li><li>• Python</li></ul>
App Development	<ul style="list-style-type: none"><li>• Android Studio</li><li>• Google Firebase</li></ul>
Web Technologies	<ul style="list-style-type: none"><li>• PHP</li><li>• SQL</li><li>• HTML</li><li>• CSS</li><li>• Vanilla JavaScript</li><li>• Bootstrap</li></ul>
Other Technologies	<ul style="list-style-type: none"><li>• Arduino</li><li>• Raspberry Pi</li><li>• Google cloud platform</li><li>• Amazon Web Services</li><li>• Blockchain and Solidity</li></ul>

## Online Courses

Mar'19	<ul style="list-style-type: none"><li>• Google Cloud Associate Per-Requisite Courses on Coursera Total of 5 specialization courses Certificates of 5 courses : <a href="https://drive.google.com/drive/folders/1FtDqPs_tW2JRpls5GJbIC4xXS4yVsnOX?usp=sharing">https://drive.google.com/drive/folders/1FtDqPs_tW2JRpls5GJbIC4xXS4yVsnOX?usp=sharing</a></li></ul>
Dec'19	<ul style="list-style-type: none"><li>• What is Data Science by IBM on Coursera Certificate: <a href="https://drive.google.com/open?id=1L0LZS5OrUusWCNFNyG0TIakYXVoDcHXh">https://drive.google.com/open?id=1L0LZS5OrUusWCNFNyG0TIakYXVoDcHXh</a> Verification link : <a href="https://www.coursera.org/account/accomplishments/certificate/NCS9SA89CX8Q">https://www.coursera.org/account/accomplishments/certificate/NCS9SA89CX8Q</a></li></ul>
Jul'19	<ul style="list-style-type: none"><li>• Web Developer Bootcamp on Udemy. Certificate: <a href="https://drive.google.com/drive/folders/1CwX_etGOweYezl62xWwc6YV5Qlqlefy0">https://drive.google.com/drive/folders/1CwX_etGOweYezl62xWwc6YV5Qlqlefy0</a></li></ul>

### Additional Information

2015-17	One of the Student Co-ordinator, responsible for conduction of workshops, cultural activities and sports activities for 120 students in RV PU COLLEGE.
2010-2015	Completed NCC 'A' certificate(given at school level). Elected as House Captain in class 10 (2014-15). Elected as House Vice-Captain in class 9 (2013-14). Elected as Head Boy for Primary School in class 7 (2011-2010). Have undergone 5 years of cricket training. Played for Taluk level in Badminton and Cricket.
2009-10	Selected for National Geographic Channel Junior Hunt Program Finished one in top 50 in Bangalore City Finals. Certificate – <a href="https://drive.google.com/open?id=16C9yrqisl2uLWVes2WDUYElq59va6kl2">https://drive.google.com/open?id=16C9yrqisl2uLWVes2WDUYElq59va6kl2</a>  Participated among top 10 ,Bangalore City Finals . Certificate – <a href="https://drive.google.com/open?id=18ZAt_CmxJQ7pId2LoRUTg_V1gZiy9vUw">https://drive.google.com/open?id=18ZAt_CmxJQ7pId2LoRUTg_V1gZiy9vUw</a>  Hobbies include reading novels, sketching, drawing and painting .