

# Abhishek MEHARIA

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Jamtara, Jharkhand, India | 13 August 1998  
ADDRESS: NIT Rourkela, Odisha  
PHONE: +91 9982168175  
EMAIL: [mehariaabhishek@gmail.com](mailto:mehariaabhishek@gmail.com)

## EDUCATION

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2017- PRESENT B.Tech in **Electrical Engineering**  
National Institute of Technology, Rourkela  
CGPA: 7.6/10

APRIL 2016 Intermediate in SCIENCE and MATHS  
Central Board of Secondary Education, Rajasthan  
Percentage: 82.0

APRIL 2014 ICSE Board, Jharkhand  
Percentage: 90.0

## PROJECTS

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|--------------|--|
| ROBOTIC ARM  | CURRENT PROJECT<br>This Project aims to copy human arm movements and control a robotic arm gesture over internet.  |
| CLIPSYNC     | This project aims to sync clipboards across multiple devices in real time. It consists of Android app, chrome extension and a website as interface.<br><a href="#">Website Link</a>   <a href="#">Project Repository</a>                                       |
| WEBRTC       | It is cross platform video chatting platform. Basically it has a web application and an android app as user interface.<br><a href="#">Website Link</a>   <a href="#">Project Repository</a>  |
| SYNTEX       | This Project aims to share one user location to different end users and plot it in a map in real time.   <a href="#">Project Repository</a>  |
| POWER OPT    | Detailed analysis of current consumption in deep sleep modes of esp32 and aims to increase the battery life.   |
| MAIL SERVICE | This project aims to connect zimbra emails to Google action, it consists of an app in Google action store that fetches emails and show it to user and also sort the emails according to date.<br><a href="#">App Link</a>   <a href="#">Project Repository</a> |
| OTA UPDATE   | Detailed study of over the air update in microcontrollers and designed a web platform to handle multiple client devices.<br><a href="#">Website Link</a>   <a href="#">Project Repository</a>  |

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|--------------|---|
| QUADCOPTER   | Quadcopter (Drone) using Arduino microcontroller.   <a href="#">Project Repository</a>  |
| SMARTROOM    | It aims to control home appliances like light and fan over internet. It consists of an android app, hardware as Arduino, an app in Google action store and firebase for data syncing.<br><a href="#">App Link</a>   <a href="#">Project Repository</a>                |
| MATRIX CHATS | This is a simple cross platform real time chatting application which works on top of sockets. It has a website and an android application where one-to-one and one-to-many chatting can be done.<br><a href="#">Website Link</a>   <a href="#">Project Repository</a> |

## WORK EXPERIENCE

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|-----------------|---|
| APRIL-JULY 2019 | Summer Intern at PHOENIX ROBOTIX, <i>ROURKELA</i><br>Detailed analysis of current consumption in deep sleep modes of esp32 and aims to increase the battery life of microcontrollers.<br>Written embedded software for over the air update in microcontrollers.<br>Overview of networking and transport layer security in microcontrollers. |
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## EXTRA CURRICULAR ACTIVITIES

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| TECHNICAL SOCIETY | Member of Innovision App Team<br>Designed android application for technical fest.  |
| HACKATHON         | Participated in 3 days of developing contest at BIT MESRA, Ranchi<br>Participated in 1 day of developing contest at NIT ROURKELA |
| CERTIFICATION     | Successfully completed 10 weeks of DSA Course(GeeksForGeeks)   |
| PROFILES          | <a href="#">Linkedin</a> , <a href="#">Github</a> , <a href="#">GeeksForGeeks</a> , <a href="#">HackerRank</a>                   |

## SOFTWARE PROFICIENCY

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|-------------------------|--|
| Basic Knowledge:        | PHP, MySQL, FIREBASE, HTML, CSS, JAVASCRIPT, JAVA, |
| Intermediate Knowledge: | C++  |
| Software Knowledge:     | ANDROID STUDIO, ARDUINO, XAMPP, EXCEL, POWERPOINT  |

## INTERESTS AND ACTIVITIES

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Technology, Open-Source, Programming  
Reverse Engineering, Networking  
Painting, Music