

# Priyanshu Gaurav

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## EDUCATION

<b>Madan Mohan Malaviya University of Technology</b> <i>Bachelor of Technology (B. Tech.) in Computer Science &amp; Engineering</i>	CGPA - 7.3 Aug. 2018 – May 2022
<b>St. John's School, DLW</b> <i>Intermediate (ISC Board)</i>	Percentage: 87.6% Apr. 2017 – Mar. 2018
<b>St. John's School, DLW</b> <i>High School (ICSE Board)</i>	Percentage: 93.1% Apr. 2015 – Mar. 2016

## SKILLS

**Programming Languages:** Java  
**Familiar with:** JavaScript, C, C++, Python, HTML, CSS, Machine Learning  
**Tools and Technologies:** Github, Firebase, Android, Linux, Google Cloud Platform, Adobe Photoshop  
**Other Skills:** Data Structure, Algorithms, Object Oriented Programming, Teamwork

## EXPERIENCE

<b>Executive Member</b> <i>Cultural Synod</i> <ul style="list-style-type: none"><li>Designed posters, flyers, flexes and T-shirts for college using Adobe Photoshop</li><li>Made aftermovies and teasers for various functions in college using Adobe Premiere Pro</li><li>Conducted Alumni Meet, Abhyudaya (Annual Cultural fest) and Heats (Auditions for freshers) in college</li></ul>	March 2019 – Present
<b>Technical Head</b> <i>Council of Student Activities</i> <ul style="list-style-type: none"><li>Supervising the Technical Team</li><li>Planned all the events that are to be conducted and their execution with team</li><li>Reported to faculty for updates on events being conducted in the campus</li></ul>	Jul. 2020 – Present

## PROJECTS

<b>Calci</b>   <i>Java, Android</i> <ul style="list-style-type: none"><li>A Calculator and Base Converter android app</li><li>Implemented fragments and navigation drawer such that it fits all screen sizes</li><li>Implemented postfix expressions to calculate the result and Regular Expressions to check the validity of input expression</li><li>The Base converter converts the input from one base to every other bases (i.e. Binary, Octal, Decimal and Hexadecimal)</li></ul>	July, 2020
<b>Credentials</b>   <i>Java, Android, Firebase</i> <ul style="list-style-type: none"><li>A user-friendly Password Manager app that stores and displays passwords and its site</li><li>Uses Firebase Firestore to store and retrieve data</li><li>Firebase Auth UI is used to login into respective user accounts</li><li>Has an inbuilt user-friendly Password Generator</li></ul>	March, 2021
<b>FaceMask</b>   <i>Java, Android, Machine Learning</i> <ul style="list-style-type: none"><li>Real-time mask detection Android app with TensorFlow Lite</li><li>The model was created using transfer learning over the MobileNetV2 architecture</li><li>Built using TocoConverter to migrate from the Keras format to the TensorFlow Lite format</li></ul>	April, 2021

## ACHIEVEMENTS

- 3\* at Codechef with highest rating of 1699
- Secured 3228th place in Google Kick Start Round G 2020
- Secured a global rank of 718 in July Cook-Off 2020 Division 2 Challenge on Codechef
- Secured 2nd position in Poster Designing Contest
- Secured 1st position at a Website Designing Competition in class 12