

# AMOGH TRIPATHI

Looking forward to work as Software & Mobile Application Developer and to contribute efficiently my skills and abilities for the growth of the organization while enhancing my skills & knowledge



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## Projects

### Tele-Touch Home Automation (ongoing)

A smart way to interact with the electric appliance in the house. Each electric device is assigned a static ip, & a mobile device with the help of the camera identifies the ip when it's hovered over it, which then pops the options to control the device.

### SQRA – NO PROXY (APRIL 2018)

A smart QR attendance system which reduces the effort of the teachers to mark the attendance of the students. A QR code is generated via app which is then given to the students to scan & fill their roll number in and it doesn't allow any proxies.

### Bit Math (JAN 2018)

Worked with animations and interactive layouts, concepts of probability are applied to generate random numbers with increasing difficulty

### Expense Manager App (JULY 2017)

It is tough to keep track of expenses on a trip. Expense Manager is an app which helps to keep record of expenses during a trip, and also, shows balance from allocated budget. We can add, update or delete expenses. It saves our time and money by keeping a clean and accurate record of it.

### Other Important Projects are:

Student Result System.  
Home Lock System (IoT).  
FIFA Player Selling system.

## Positions Of Responsibility

- Speaker & Coordinator of Android Workshop, Mobile Quiz, Enigma-2, Crptox at Galgotias College (2015 - 2017)
- Coordinator of Japanese Anime Cosplay event "Animatsuri", Rendezvous IIT-Delhi (2016)
- Coordinator/Member LOOP Programming Club, FRAG Gaming Club, Extreme Club, Sports Club, Enthiran Club (2015 - 2017)
- First Stopper || Holding Midfielder at Galgotias College of Technology Football Club (2015 - present)

## Experience

### Python Development Trainee (JUN 2018 — AUG 2018)

- During the Training, I learned Python basic functionalities and various modules.
- Learned and implemented various Machine Learning algorithms(i.e. K-mean, Decision Tree etc.).

### Managieers Education Services India (P) Ltd. (MAY 2018 — JULY 2018)

- Worked on Web Development using JQuery, JavaScript, HTML & CSS.
- Learned Java AWT.
- Learned Email & Social Marketing and Promotions.

### RED HAT ETHICAL HACKING (MAR 2018 — MAR 2018)

- During the Training, I learned about SQL injections, working of Burp Suit, Hydra and Havij.
- Implementation of brute force attack using Tor and Hydra.
- And learned about online security.

### Android Development Trainee, Summer Training at HEWLETT PACKARD ENTERPRISE (JUN 2017 — JULY 2017)

- Learned basics of Android Application Development
- Awarded A+ Grade in Android Test at Hewlett Packard

## Educational Qualification

- Bachelor's Degree in Computer Science and Engineering | Dr. APJ Abdul Kalam Technical University (State Govt.) | Galgotias College of Engineering & Technology Grad 2019 (expected) | 64% (till 6th sem)
- Secondary School from CBSE Grad 2014 | 69.00%
- High School from CBSE Grad 2012 | CGPA: 10/10 - A1

## Skills and Competencies

- Android App Development
- Arduino, IoT
- HTML & CSS
- Python
- Cooking
- Software Engineering
- C/C++ Programming
- JQuery
- FireBase(novice)
- Football

## Achievements

- 2018 Semi-Finalist in Zonal Football Competition
- 2017 3rd place, D/Encryption Event, Technical Fest
- 2017 WINNER, CODE HUMMER event, Technical Fest
- 2016 3rd place, CODE HUMMER event, Technical Fest