**ANKIT KUMAR**

**National Institute of Technology-Jalandhar Mob No. : +91-8699573668**

**3rd year, Instrumentation and Control Engineering**  **Email:** kumara.13.ice@nitj.ac.in

**Date of Birth – 31 august 1995. Languages known-**Hindi and English

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| **QUALIFICATION(**Year of Passing) | **INSTITUTE/BOARD** | **CGPA/PERCENTAGE** |
| Graduation(2017-Expected) | NIT-Jalandhar | 6.90/10(till 6th semester) |
| Intermediate/+2 (2012) | CBSE | 84.4% |
| Matriculation (2010) | CBSE | 9.4/10 |
| **AREAS OF INTEREST** | | |

* Data Structure (Proficient), Design and analysis of Algorithms (Proficient), Competitive programming.
* Animation Designing, Application Development.

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| **ACHIEVEMENT/RECOGNITION** |

* **SPOJ**-An Online Practice and Competitive Programming Platform.
* Username ***ankit\_95***(SPOJ)-Current Rank-**1645** (Worldwide)
* Practiced **200+** questions on **SPOJ** based on algorithms.
* **CODECHE**F-Ranked under **200**(world), **100**(India) several times in monthly contests.
* Ranked **302** in **Google APAC 2017 Round D.**
* **Selected** for two regions in **ACM ICPC 2017 at Amritapuri** and **Kharagpur Region.**
* Participated in **Kharagpur Onsite Round ACM ICPC**, Team ranked **37**.

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| **TECHNICAL SKILLS** |

**Programming Languages**: C (skilled), C++ (Skilled), Python (Workable Proficiency), Java (Workable Efficiency).

**Web & Scripting Languages:** HTML (semi-professional), CSS (semi-professional), JavaScript (semi-professional), PHP (Workable Proficiency), JQuery (Beginner), Ruby on Rails (Beginner).

**Operating System**: Linux (Linux Mint 17.3, Ubuntu, Kali ), Microsoft Windows

**Tools and Technologies**: Net Beans, Eclipse, Android Studio, MySQL, Git, MatLab, Atom Editor, 3ds MAX, Scilab, Xampp.

**Database**: MySQL, PostgresSQL, FireBase.

**Application Development**: Android App Development.

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| **PROJECTS** |

1. **Android E-Commerce Application (Haggle) [ Part-Time Internship Project ]**

* **Duration:** 13 June 2016 to 30 June 2016.
* **Team Size:** 1
* **Role Played:** Developer and Tester.
* **Skills Used:** Android, Java, JSON, Cloudinary.
* **Technology Used**: Android Studio, SDK – 23.
* **Link to Software:** <https://github.com/2012ankitkmr/Haggle>

This Project is based on Barter system. This is an e-commerce application in which a person can sell his/her product in lieu of any other product of the 2nd person. It is based on Money Free Exchange concept. It notifies them if the product is accepted by the second .Person can even manage his/her Products and Profile. It allows sign in through Facebook, Google and custom Login. The App is tested on Nexus 5 device.

1. **HR Management System [ Independent Project ]:-**

* **Duration:** 2 Dec 2015 to 5 Jan 2016.
* **Team Size:** 2
* **Role Played:** Database Handling.
* **Skills Used:** PHP, MySQL, HTML5, Boot Strap.
* **Technology Used**: Xampp , And Editor (Atom).

This Projects can be used by an H.R. Manager to manage the database related to his/her Employees. The H.R. Manager can manage Salary, Promotions, Work Leaves, Announcements, Recruitment, and other basic details. This allows employees to request for a leave, and help track status of the same. This helps them to register for a training projects as a trainee or a trainer.

1. **Android Bussiness Application ( B-Goals ) [ Internship Project ]**

* **Duration:** 30 June 2016 to 15 July 2016.
* **Team Size:** 5
* **Role Played:** Backend Developer
* **Skills Used:** Android, Java, Sql , PHP .
* **Technology Used**: Android Studio, SDK – 23.

This Project is for Business Class, It helps them to manage their meeting with their clients. It helps them to set up Goals relating their meetings and can manage them. These Goals can be linked to a location so that user can Check In and Check out of the location when he/she reaches. This gives alarm for the upcoming goals. It gives them details of the past meetings with a particular client. Person can even manage his/her Profile. It allows sign in through Facebook, Google and custom Login. The App is tested on Nexus 5 device.

1. **Android Education Application ( ErpSystem )[Part-Time Internship Project]**

* **Duration:** 4 June 2016 to 13 June 2016.
* **Team Size:** 1
* **Skills Used:** Android, Java, JSON, PHP, FireBase, Cloudinary.
* **Technology Used**: Android Studio, SDK – 23.
* **Link to Software:** [https://github.com/2012ankitkmr/](https://github.com/2012ankitkmr/Haggle)ErpSystem

This Project is for School Students. It gives them access to online lectures, videos, practice papers and e-Books provided by the school and the concerned organisations. It updates them about various upcoming events, seminars and debates with the help of announcements and notifications. Parents can monitor the daily attendance of their ward. It gives them access to the results of the exams and monthly tests undertaken. It allows sign in options to both parents and students with different login credentials. The App is tested on Nexus 5 device.

1. **PHP Script Convertor :-** An Efficient Script written in PHP that parses Excel sheet and MySql Database to JSON. This is usually helpful in Android Firebase Integration.
2. **Door Locking System [Major Project]**

* **Duration:** 1 Aug 2016 to till Date
* **Team Size:** 5
* **Skills Used:** Arduino, Android, Instrumentation.
* **Technology Used**: Android Studio, SDK – 23, Arduino UNO.
* **Link to Software:** [https://github.com/2012ankitkmr/](https://github.com/2012ankitkmr/Haggle)LED

This smart Lock is the secure, simple, and easy to manage your home’s lock. This lock needs no keys and the lock is attached inside the door and you can control it from outside the door. As the lock is inside the door there is no way to break the door by thief. This project is based on the android application, the application send password through Bluetooth. The application is required to open and close the lock. If password is matched to your pre-set lock password then lock will be open and sent a feedback to your phone. Tested on nexus 5 device.

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| **RELEVENT COURSES UNDERTAKEN** |

***Under Course Curriculum***: - C Programming, Object Oriented Programming using C++, Data Structures and Algorithms, Design and Analysis of Algorithms, Data Base Management System.

***Independent Coursework***: - Operating Systems, Data Communication Networking.

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| **EXTRA-CURRICULAR ACTIVITIES/OTHERS** |

**Animation & Editing**: Screen play and edited various penny movies for various cultural events.

**App Development**: Developed apps on windows and android platforms using tutorials.

Winner of Beg Borrow Steal in college Cultural fest and Runner up for many other contests.

Holds a certification of Distinction in Spiritual test by Vedic Oasis.

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| **REFERENCE** |

**Dr. Sarwan Kumar Pahuja**

Head of Department

Instrumentation and Control Engineering

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| **DECLARATION** |

I hereby declare that above furnished particulars are true to the best of my knowledge and belief.

Place: Jalandhar **Ankit Kumar**