**Career Objective**

Pursuing B. Tech in Computer Science with specialization in Open Source and Open Standards, aiming to learn new technologies and work in the field of Artificial Intelligence for Mobile Systems and grow as an IT professional.

**Education Credentials**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year(s)** | **Qualification – Degree / Diploma / Certificate** | **Board/University** | **College / Institute/ University** | **Percentage / CGPA** |
| 2017 | B. Tech Computer Science S/W Open source and Standards | University of Petroleum & Energy Studies | School of Computer Science and Engineering(SoCSE) | 2.57/4.00 |
| 2014 | AISSCE (12th) | Central Board of Secondary Education | Mount Carmel School, Chandigarh | 72.00% |
| 2012 | AISSE (10th) | Central Board of Secondary Education | Shemrock Sr. Sec. School, Mohali | 9.40/10.00 |

**Academic/ Co-Curricular Achievements/Activities**

* Won first prize in Project Parliament in CIT-Conclave’16 at UPES on 11 Dec’16.
* Human Resource Head of Artificial Intelligence Community UPES.
* Former member of Open Source community UPES.

**Extra-Curricular Achievements/Activities**

* Performed in various cultural and musical events like Rubaroo 2015 and NGCT 2015/16.
* Finalist of Mr. Fresher Rubaroo 2014.
* Actively participated in Radio Plays regarding road safety (Institute of Radio Jockey, Chandigarh)
* Active member of Serving Humanity, Chandigarh.
* Organized various events under Open Source and AI community.

**PROJECTS UNDERTAKEN**

**Summer Internship Projects**

**Project Title- Travel Life Support Android Application (IBM Bluemix)**

**Description-** Travel application to provide live feedbacks, support, alerts and suggestions to user while travelling. The application is deployed over Bluemix cloud.

**Company**- IBM India

**Duration**- 1st June 2017 to 31st July 2017 (2 months)

**Key Skills**- Android Application Development, NodeJS (Server-side) and Bluemix Cloud services.

**Internship/Projects**

**Minor 1- Text computation using Natural Language Processing (NLP)**

**Description-** This project focuses on the implementation of NLP in text based computation, to extract information given in the string and perform arithmetic and logical operations. **Duration**-12th August 2016 to 11th December 2016 (4 months)

**Key Roles**- Grammar design and coding for lexical and syntactical analyzer using YACC and BISON.

**Minor 2- Message Spam Detection (Semi - Supervised Machine Learning)**

**Description-** Developed a classifier to detect ham and spam messages. Trained various classifier using UCI SMS Spam Collection Data Set achieving an accuracy more than 90%.

**Duration**-14th Jan 2017 to 11th May 2017 (4 months)

**Key Roles**- Testing various Machine Learning algorithms on the data set.

**Project Title- Events (Android Application)**

**Description-** News feed application to provide information of various events taking place in the campus.

**Duration-** ongoing

**Key Roles-** Designer, developer and tester.

**Skill Set**

* Android Application Development (using Firebase, Bluemix and AWS services)
* Java programming.
* SQL based database (MySQL and SQLite).
* NoSQL database (Cloudant NoSQL).
* Basics programming in C, C++, PHP, HTML and CSS.
* Graphic design using Adobe Illustrator.

**Soft Skills**

* Fast learner.
* Active, energetic and hardworking.
* Collaborative and good in group activities.

**Personal Details**

Date of Birth (DD-MM-YYYY) : 15-07-1996

Gender : Male

Category : General

Nationality : Indian

Mobility : Anywhere in India and abroad

Home Town : Chandigarh

Permanent Phone No. : 9417122014

Languages Known : English, Hindi and Punjabi