

## ASHISH KUMAR

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### Objective

My passion for programming is to make things simple. To create value for people, and thrive by seeing the benefit derived from my work as quickly as possible. To put my technical knowledge and skills to become a source of innovation in the industry.

### Educational Qualification

Sr. No	Course	Speciality/Subjects	Board	Univ/School	CGPA/Percentage	Year of Passing
1	B.Tech	Computer Science and Engineering	UGC	SRM University, Kattankulathur	9.013	2014-2018
2	High School	Physics, Chemistry, Maths, English, Economics	CBSE	The Aditya Birla Public School, Kesrol	86%	2014
3	Intermediate	English, Sanskrit, Maths, Science, Social Science	CBSE	The Aditya Birla Public School, Kesrol	9.2	2012

### Projects Completed

#### 1) Algorithmic Music Generation

Done as a summer project which used deep learning technique to generate music. It uses Recurrent Neural Network model of Artificial Neural Network to generate music. It was deployed on AWS with 32 GB memory and octa core processor for training of model.

#### 2) Sentiment Analysis using NLP and Python

Completed as a minor project which used Natural Language processing to determine the sentiment of movie reviews which were scraped from different websites. Each review was assigned with 1 or 0 for positive or negative sentiments respectively.

#### 3) Bucket List web application

Created a web application for maintaining daily work. It was developed using Django framework, MongoDB, Python as backend. Html, CSS, JS, Bootstrap as frontend and it was deployed on Herokuapp.

#### 4) News Updater web application

Created a web application for getting news updates. It was developed using Flask framework, MongoDB, Python as backend. Html, CSS, JS, Bootstrap as frontend. Scrapy tool was used for scraping various websites and stored in the MongoDB database. Jinja templating was used for throwing data to the UserInterface.

#### 5) Student Management System

Created a terminal based student management system using the basic c++ concepts such as Inheritance, Polymorphism as a project for my second year

#### 6) .Weight Measurement System

Using Java AWT and Swing concepts developed a GUI for measuring weights using serial and parallel ports in my internship at Hindalco Industries Ltd.

#### 7) SRM Search Engine

Developed news module using Django and python for fetching news from India today website at srm search engine and made web crawlers using Beautiful soup.

8) **Proxy Changer**

Using java AWT concept made a simple GUI for changing proxy of my Laptop (only for Linux systems).

9) **Chat application using TCP/IP concept**

A simple TCP/IP based chat application using swing and awt concept.

## Areas of Interest

Data structures | Web Development | Natural Language Processing |

## Internships/Training

- Worked as an Intern in **Hindalco Industries Ltd** for 1 month (May 2016 - June 2016) on the project to build a weight measurement system using concept of serial and parallel ports

## Awards/Achievements

- Selected for prestigious Awoo Foundation Scholarship in 2015, 2016, 2017.
- Secured 4th position in IET 24-hr Hackathon conducted by Venturesity.
- Secured 4th position in National Science Olympiad at State Level
- Successfully completed Applied CS with Android Course Conducted at SRM University
- Participation on online competitive coding websites - CodeChef, Spoj, HackerRank etc.

## Computer Skills

- |                      |           |              |
|----------------------|-----------|--------------|
| • <b>Languages:</b>  | C/C++     | Intermediate |
|                      | Java      | Novice       |
| • <b>Databases:</b>  | MySQL     | Intermediate |
|                      | MongoDB   | Novice       |
| • <b>Frameworks:</b> | Django    | Intermediate |
|                      | Flask     | Intermediate |
|                      | Bootstrap | Novice       |

## Co-Curricular Activities

- Web Developer at SRM Search Engine.
- Attended PyCon India 2016 held at Delhi.
- Participated in 24hr Hackathon held at Srm university and secured 4<sup>th</sup> position.
- Successfully completed CS with Android workshop held by Google students club.
- Played football at state level.

## Personal Details

- **Permanent Address:** E-31/1, Birla Copper Township, Dahej ,Bharuch , Gujarat- 392130
- **Current Address:** Room No 314 Sanasi Hostel, SRM University, Kattankulathur Tamil Nadu – 603203
- **Date of Birth:** 20-08-1997
- **Father's Name:** Mr. Munish Kumar Roy
- **Mother's Name:** Mrs. Poonam Roy
- **Languages Known:** English, Hindi, Chinese
- **Hobbies:** Competitive Coding, Watching TV series , Playing Football , Trying to develop from scratch
- **Other ways to contact:**
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  - <http://linkedin.in/ashish-kumar-61a84b101/>
  - <http://github.com/ash301>

**Place:** Chennai

**Date:** 17<sup>th</sup> July 2016

Ashish Kumar