# Nikhil Kumar Singh

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**EDUCATION**

**B.Tech in Computer Science and Engineering**                                      2013 - 2017
Guru Gobind Singh Indraprastha University, Delhi, India - **80 %**
**Secondary School** - Kalka Public School, Delhi (CBSE) - 78.8%                2012-2013
**High School** - St. Johns School, Faridabad (CBSE) - 8.6 CGPA                  2010-2011

**EXPERIENCE**

**Software Engineer, CollegeDunia Web Pvt. Ltd., Delhi**                   April, 2017 - Now
*Django | Python | PHP | Laravel | MySQL | Redis | MongoDB | RabbitMQ | ElasticSearch | Postfix*
Adding new features and Enhancements of existing features in CollegeDunia and Frizza . Created an internal software for Human Resource Management from scratch. Created self hosted email marketing service (with Postfix) and laravel for API to handle the same from scratch.

**Software Development Intern, GeeksforGeeks, Noida**                June, 2016 - Aug, 2016
*Django | Python | MySQL | BeautifulSoup | Backend*
Backend Developer for the project which host courses. Started from scratch.

**Backend Developer, ShoesOnLoose, Delhi**                              Oct, 2015 - Dec, 2015
*web2py | Python | MySQL*
Customized Travel Itinerary Backend for customizing hotel, travel and activities.

**Summer Intern, iLabs.co, Delhi**                                    June, 2015 - July, 2015
*Ruby on Rails | PostgreSQL | Web Development | Training + Internship*
Backend Development of the website for the startup named Competify based on Ruby on Rails.

**TECHNICAL SKILLS**

**Strongest Areas** - Data Structures, Algorithms, Software Engineering, DBMS
**Languages**
- **Proficient** - Python, C++, PHP, MySQL
- **Other** - Postgres, MongoDB

**Tools/Frameworks** - Git, Django, Redis, web2py, Ruby on Rails, Beautiful Soup, scikit-learn

**PROJECTS**

- **Image Caption Generator**
  *Neural Networks | Machine Learning | LSTM | RNN*
  Predicts the caption of the image by using Neural Networks on MS-COCO dataset with the help of LSTM and CNN.
- **Visual Category Recognition using SVM-KNN**
  *Computer Vision | Machine Learning | SVM | KNN*
  Predicts the category of the given image of an object on Caltech 101 Dataset. Combination of SVM and KNN to predict the actual label of the image.
- **eCell MSIT Website**
  *Django | Python*
  Website of eCell MSIT with Payments system for Internship Fair 2017.
- **Codechef and SPOJ Rank Fetcher**
  *Scraping | BeautifulSoup | Python*
  Find the ranks of all the usernames entered in a text file from SPOJ and Codechef using scraping.

**ACHIEVEMENTS AND AWARDS**

- Performer of the Quarter Award for 3rd Quarter in year 2017 at CollegeDunia Web Pvt. Ltd.
- Selected for ACM-ICPC regionals at IIT Kharagpur(among 80 teams from country) and Amritapuri in year 2016
- Ranked 2nd in College and 8th in overall leaderboard at CodeStart 2.0 organised by IEEE-MSIT
- Ranked 94th in the overall leaderboard of the November Cook-Off 2016 on Codechef
- Second Runner-up in Techvilla App Presentation held in Avensis - the Tech Fest of our college
- Appreciation certificate for technical and managerial work at Entrepreneurship-Cell MSIT in 2017