Nikhil Kumar Singh

nikhil1945.singh@gmail.com • +91 9818289841 • #I-1113, Harinagar Extn., Badarpur, New Delhi, India

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 | MySQL | Postgres | Redis | 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