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 | 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++, MySQL
- **Other** - Postgres, MongoDB

Tools/Frameworks - Git, Django, Redis, Web2Py, Ruby on Rails, ElasticSearch, 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
- Problem Curator and Technical Event Head in Code till You Die - a competitive programming event organized at technical fest of our college.
- Appreciation certificate for technical and managerial work at Entrepreneurship-Cell MSIT in 2017