

# Nikhil Kumar Singh

[nikhil1945.singh@gmail.com](mailto:nikhil1945.singh@gmail.com) • +91 9818289841 • #I-1113, Harinagar Extn., Badarpur, New Delhi, India

EDUCATION	<b>B.Tech in Computer Science and Engineering</b> 2013 - 2017 <a href="#">Guru Gobind Singh Indraprastha University, Delhi, India</a> - 80 % <b>Secondary School</b> - Kalka Public School, Delhi (CBSE) - 78.8% 2012-2013 <b>High School</b> - St. Johns School, Faridabad (CBSE) - 8.6 CGPA 2010-2011
EXPERIENCE	<b>Backend Developer, <a href="#">Testbook Edu Solutions Pvt. Ltd., Navi Mumbai</a></b> Sept, 2018 - Now <a href="#">Golang</a>   <a href="#">MongoDB</a>   <a href="#">Redis</a>   <a href="#">RabbitMQ</a> Developing fast and scalable APIs to handle high traffic from both web and app. Improved existing code and solved minor and major bugs in transaction APIs.  <b>Software Engineer, <a href="#">CollegeDunia Web Pvt. Ltd., Delhi</a></b> April, 2017 - Sep, 2018 <a href="#">Django</a>   <a href="#">Python</a>   <a href="#">MySQL</a>   <a href="#">Redis</a>   <a href="#">MongoDB</a>   <a href="#">RabbitMQ</a>   <a href="#">ElasticSearch</a>   <a href="#">Postfix</a> Added 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 API to handle the same from scratch.
INTERNSHIP EXPERIENCES	<b>Software Development Intern, <a href="#">GeeksforGeeks, Noida</a></b> June, 2016 - Aug, 2016 <a href="#">Django</a>   <a href="#">Python</a>   <a href="#">MySQL</a>   <a href="#">BeautifulSoup</a>   <a href="#">Backend</a> Backend Developer for the <a href="#">project</a> which host courses. Started from scratch.  <b>Backend Developer, <a href="#">ShoesOnLoose, Delhi</a></b> Oct, 2015 - Dec, 2015 <a href="#">web2py</a>   <a href="#">Python</a>   <a href="#">MySQL</a> Customized Travel Itinerary Backend for customizing hotel, travel and activities.  <b>Summer Intern, <a href="#">iLabs.co, Delhi</a></b> June, 2015 - July, 2015 <a href="#">Ruby on Rails</a>   <a href="#">PostgreSQL</a>   <a href="#">Web Development</a>   <a href="#">Training + Internship</a> Backend Development of the website for the startup named <a href="#">Competify</a> based on Ruby on Rails.
TECHNICAL SKILLS	<b>Strongest Areas</b> - Data Structures, Algorithms, Software Engineering, DBMS <b>Languages</b> <ul style="list-style-type: none"><li>• <b>Proficient</b> - Python, C++, MySQL</li><li>• <b>Other</b> - MongoDB, Postgres</li></ul> <b>Tools/Frameworks</b> - Git, Django, Redis, web2py, Ruby on Rails, BeautifulSoup, scikit-learn
PROJECTS	<ul style="list-style-type: none"><li>• <b>Image Caption Generator</b> <a href="#">Neural Networks</a>   <a href="#">Machine Learning</a>   <a href="#">LSTM</a>   <a href="#">RNN</a> Predicts the caption of the image by using Neural Networks on MS-COCO dataset with the help of LSTM and CNN.</li><li>• <b>Visual Category Recognition using SVM-KNN</b> <a href="#">Computer Vision</a>   <a href="#">Machine Learning</a>   <a href="#">SVM</a>   <a href="#">KNN</a> Predicts the category of the given image of an object on <a href="#">Caltech 101 Dataset</a>. Combination of SVM and KNN to predict the actual label of the image.</li><li>• <b>eCell MSIT Website</b> <a href="#">Django</a>   <a href="#">Python</a> Website of eCell MSIT with Payments system for Internship Fair 2017.</li><li>• <b>Codechef and SPOJ Rank Fetcher</b> <a href="#">Scraping</a>   <a href="#">BeautifulSoup</a>   <a href="#">Python</a> Find the ranks of all the usernames entered in a text file from SPOJ and Codechef using scraping.</li></ul>

- 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