

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	Senior Software Engineer, Testbook Edu Solutions Pvt. Ltd., Navi Mumbai Sept, 2018 - Present Golang MongoDB Redis RabbitMQ Elasticsearch - Developed site wide search from scratch - Backend for Offline Download of Videos in app - Improved existing code and solved minor and major bugs in transaction APIs - Developing fast and scalable APIs to handle high traffic from both web and app Software Engineer, CollegeDunia Web Pvt. Ltd., Delhi April, 2017 - Sep, 2018 Django Python MySQL Redis MongoDB RabbitMQ ElasticSearch Postfix - Added new features and Enhancements of existing features in CollegeDunia and Frizza - Created an internal software for HR Management from scratch - Created self hosted email marketing service (with Postfix) and API to handle the same from scratch.
INTERNSHIP EXPERIENCES	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 <ul style="list-style-type: none">• Proficient - Golang, C++, Mongodb, MySQL, Redis• Other - Python, Postgres, Elasticsearch, RabbitMQ Tools/Frameworks - Git, Django, web2py, Ruby on Rails, Beautiful Soup, scikit-learn
OTHER PROJECTS	<ul style="list-style-type: none">• Image Caption Generator Jan, 2017 - June, 2017 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 July, 2016 - Dec, 2016 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	<ul style="list-style-type: none"> • Performer of the Quarter Award consecutively for both 1st and 2nd Quarter in FY 2019-20 at Testbook Edu Solutions • 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
HOBBIES	Chess, Cycling, Calisthenics