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 Member of Technical Staff, Oracle Cloud Infrastructure**   Dec, 2021 - Present
Terraform | Python | Golang
- Developed and deployed canaries for Tier-0 service from scrath. Completed full release managment process for GA
- Reduced Bastions service footprint for Dedicated Region25 initiative announced at Oracle Cloudworld 2024
- Wrote multiple architecture design docs for improvement in network architecture of Tier-0 service with minimal dependent services
- Participated in multiple external OCI wide architecture reviews
- Onboarded Bastions service to multiple org based intercoms: Herds, SPAM onboarding, Dynamic Core Regions, Telemetry Endpoint deprecation etc.
- Mentored IC2s(4) to help them contribute better to the team
- Currently working as part of OMA team to add new features, reduce technical debts and onboard new customers

SDE-II (Backend), Innovaccer Analytics Pvt. Ltd.   Feb, 2021 - Sep, 2021
Python | Django | Postgres | Kubernetes
- Worked on FHIR Server for ePHI data access
- Build ETL pipeline for FHIR Server

Senior Software Engineer, Testbook Edu Solutions Pvt. Ltd.   Sept, 2018 - Jan,2021
Golang | MongoDB | Redis | RabbitMQ | Elastisearch
- 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

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   **Software Development Intern, GeeksforGeeks, Noida**   June, 2016 - Aug, 2016
EXPERIENCES   *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   **Languages**
SKILLS
  - **Proficient** - Golang, Java, C++, Terraform, Mongodb, MySQL, Redis

  - **Other** - Python, Postgres, Elasticsearch, RabbitMQ

Tools/Frameworks - Django, Dropwizard, Cucumber, Git, web2py, Ruby on Rails, Beautiful Soup, scikit-learn

Achievements and Awards

- 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

Hobbies   Calisthenics, Cycling