

# NISHANTIKA GARG

SOFTWARE ENGINEER

## CONTACT

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## COURSES

**Go : Complete Developer's Guide**  
Udemy  
Mar 2023

**Professional Certificate in  
Fundamentals of Google AI**  
Google (via edX)  
Feb 2023

## EDUCATION

**B.E. Electrical and Electronics  
Engineering**

**BITS Pilani, Goa**

2016-2020

Graduated with *Distinction* (9.17  
CGPA)

**Senior School Certificate, CBSE**

**Delhi Public School,  
Faridabad**

2016

Graduated with **93.4 %** (12th  
Board)

## AWARDS

**Merit Scholarship**  
BITS Pilani Goa, 2017

**KVPY Scholarship**  
IISc Bangalore, 2015

**NTSE Scholarship**  
Govt of India, 2012

## WORK EXPERIENCE

### Nutanix Technologies, Bangalore

Member of Technical Staff 3

Jun 2022 - Present

- Subject matter expert** in auto-generators for Nutanix's v4 client SDKs across all API families.
- Maintained clients SDKs in **4 languages** (java, javascript, go, python)
- Built **automated pipelines** for generating API reference and SDK documentation showcased on <https://developers.nutanix.com>
- Delivered **71 platform releases** ensuring continuous improvements.
- Onboarded **29 API families**, 7 of them releasing APIs for early access in 2022.
- Part of a **geographically distributed global team**, reporting directly to Nutanix headquarters in the SF Bay Area.

Member of Technical Staff 2

Jul 2020 - May 2022

- Co-led an initial 2-member team responsible for **creating the Nutanix v4 APIs Development Framework**
- Developed mechanism for **consolidation and validation of language agnostic API design** documents based on the OpenAPI specification.
- Automated boilerplate code** based on these specs, reducing development time for new API families drastically.
- Added **enhanced usability, filtering, sorting, and selection** through automated integration with O-Data for all API families.
- Upgraded platform further to enforce **versioning and backward compatibility** thereby streamlining API design.
- Constructed framework to **automatically generate ready-to-use client SDKs** based on language agnostic spec, bringing down incremental development time from **2 weeks to mere minutes**.
- Received **Certificate of Achievement** by Nutanix of exceptional performance

## INTERNSHIP EXPERIENCE

### Oyo, Gurugram

Software Development Intern

Jan 2020 - Jun 2020

- Developed and deployed **inter-dependent RESTful micro-services using** Spring Boot and Python Flask.
- Implemented integration with Postgres Database and Redis caching, **optimizing data storage and retrieval** for improved performance.
- Integrated Prometheus and Grafana for metric collection and data visualization, **providing valuable insights** into system performance.

### Nutanix Technologies, Bangalore

Member of Technical Staff, Intern

May 2019 - Jul 2019

- Upgraded **user interface** as a part of Prism (the proprietary management software used in Nutanix Acropolis hyper-converged appliances).
- Added insight to various metric widgets, **improving user experience**