

# Sid Shukla

SOFTWARE ENGINEER | PRODUCT MANAGER | DO-ER

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“Do, or do not. There is no try.”

## Experience

### Nutanix Inc.

Berlin, Germany

MEMBER OF TECHNICAL STAFF

Jan 2020 - to date

- Built KPS Connector framework to extend data integration capabilities of Nutanix's Kubernetes based PaaS Solution: Karbon Platform Services
- Brought down feature request to PoC lead time for data integration from months to hours by enabling third party developers to build connectors
- Helped enable Serverless and MLOps workloads on Nutanix with Knative and Kubeflow
- Working on enabling Openshift Installer Provisioned Infrastructure on Nutanix

### Uber Technologies Inc.

Aarhus, Denmark

SOFTWARE ENGINEER II

Feb 2017 - Nov 2019

- Built security and tenancy components for Uber's in-house distributed ledger database with verifiable completeness for financial bookkeeping
- Incident Commander on Uber's emergency incident response team: Helped build and train the squad to mitigate most severe outages.
- Built a security framework for highly-available authn, authz, and audit logging enabling security and compliance across microservices
- Built metadata management solutions for all operational storage infrastructure enabling GDPR and SOX compliance
- Built Uber's structured data definition and query language (UQL) used by all operational storage technologies solving cross-cutting problems
- Built out various parts of Schemaless (Uber's primary NoSQL datastore): Server-side schema Support, Querying, and developer tooling

### Google Inc.

Mountain View, CA / Remote

SUMMER OF CODE @ GRPC

May 2016 - Aug. 2016

- Added and tested Python 3.x and PyPy support for GRPC Python - A python library for a high performance RPC framework

### Large-Scale Scientific Information Systems Group - Jacobs University

Bremen, Germany

RESEARCHER AND TEACHING ASSISTANT

Sep. 2015 - May 2016

- Built a library to enable data scientists to interface with distributed raster data using NumPy algorithms and Python objects
- Created and graded assignments and examinations, conducted code reviews, helped students grasp the coursework

### Dolby Laboratories Inc.

Nuremberg, Germany

SOFTWARE ENGINEERING INTERN

Mar. 2015 - Sep. 2015

- Worked on a data heavy web application to visualize changes in performance and power metrics of codecs over a variety of hardware
- Enabled devs to keep track of metrics by designing and implementing a customizable visualization dashboard using D3.js and Angular.js

## Education

### Jacobs University

Bremen, Germany

B.Sc. IN COMPUTER SCIENCE

- Specialization in Databases, Web Applications, Autonomous Systems, Computer Vision, and Image Processing

### Harvard Business School

Cambridge, Massachusetts

EXECUTIVE EDUCATION

- Executive education on strategy and leadership with tailored modules for Uber employees

### Product School

Toronto, Canada

PRODUCT MANAGEMENT CERTIFICATE

- Accelerated course on Product Management taught by product leaders

## Skills

**Programming** Proficient: Go Experienced: Python, JavaScript  
**Tools** Proficient: Git, Vim Experienced: Docker, Kubernetes  
**Languages** Native: English, Hindi Basic: German

## Presentations

### Building Storage and Deployment Infrastructure @ Uber

Amsterdam, Netherlands

UBER TECHNOLOGY SHOWCASE

June 2019

- Looking back at the growth story of building Uber's storage, config, and deployment infrastructure through a rear view mirror.