Sid **Shukla**

SOFTWARE ENGINEER | PRODUCT MANAGER | DO-ER

Altonaer Str. 21, 10555 Berlin, Germany

(+49) 151 5333 7221 | ✉ sid@shukla.tech | 🏠 shukla.tech | thunderboltsid | thunderboltsid

"Do, or do not. There is no try."

Experience

Nutanix Inc. *Berlin, Germany*
SENIOR MEMBER OF TECHNICAL STAFF *Jan 2020 - to date*
- Enabled first-class platform support for RedHat Openshift and AWS EKS-A by inculcating Nutanix awareness into external components
- Helped enable Serverless and MLOps workloads on Nutanix's Kubernetes Platform (Karbon) with Knative and Kubeflow
- Brought down feature request to PoC lead time for data integration from months to hours by enabling third party developers to build connectors
- Built KPS Connector framework to extend data integration capabilities of Nutanix's Kubernetes based PaaS Solution: Karbon Platform Services

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.