Rishabh Bohra
Software Engineer

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EXPERIENCE   3 YEARS

Tata Consultancy Services Ltd.

• *Software Engineer, Kommander Team (D2IQ Inc.)*   *Jun. 2021 – Present*

  – Working with Go for Kommander 2.0, a product targeting Kubernetes cluster management and governance.

• *Software Engineer, K8s Workloads Team (D2IQ, Inc.)*   *Nov. 2020 – Jun. 2021*

  – Enabled Elastic Cloud on K8s to work in an air-gapped FIPS enabled Konvoy(D2IQ's K8s distribution) and piloted scale testing the same on a 500+ nodes cluster.
  – Worked on the certification of the services like Apache Kafka, Zookeeper & Cassandra as a platform service in Kommander catalog and other open-source projects in Go.

• *Software Engineer, Data Services & Migrations Team (D2IQ, Inc.)*   *Nov. 2019 – Nov. 2020*

  – Wrote applications using Python and DC/OS APIS for migrating existing DC/OS users to D2IQ Kubernetes Platform (DKP).
  – Pilot large-scale mixed-workload deployments on clusters exceeding 12000 cores, a routine procedure that uncovered countless ways in which DC/OS components like Apache Mesos, networking and storage needed improvement, ultimately increasing stability and correctness across the board.

• *Software(+Release) Engineer, DC/OS Data Services Team (D2IQ, Inc.)*   *Jan. 2019 – Nov. 2019*

  – Acted as a release owner and added new capabilities to Mesosphere's official DC/OS Data Services- Kafka(Apache & Confluent), Zookeeper etc. using Python, Go, Jenkins and TeamCity. On-call on issues related to DC/OS Data Services using PagerDuty and Atlassian Jira.
  – Development of Apache Kafka and Zookeeper Operators, major strategic deliverables for the company's new Kubernetes offerings(KUDO and Konvoy).

• *Software Engineer, Cloud Microservices & API Team*   *Jun. 2018 – Jan. 2019*

  – Worked with multiple teams in developing PoCs involving Kubernetes, Elasticsearch, AWS etc.

Keysight Technologies

• *Software Engineering Intern, IxNetwork Team*   *Oct. 2017 – May. 2018*

  – Developed a Python-based cross-platform learning application tool using Python and PyQt.
  – Developed a wrapper layer in Ixia's Automation Framework which will translate APIs from one platform to another platform seamlessly using Python and TCL.

EDUCATION

West Bengal University of Technology   Kolkata, India
• *Bachelor of Computer Science & Technology (CGPA 8.35)*   *Aug. 2014 - Jun. 2018*

  – Started the IEEE Robotics and Automation Society local chapter and participated in well known technical fests like Kshitij, IIT Kharagpur.

MISCELLANEOUS

Organizations	Python Software Foundation, IEEE Robotics & Automation Society
Hobbies & Interests	Travelling & Hiking, Cooking, Nutrition & Fitness
Languages	Strong verbal and written communication skills in English and Hindi, Intermediate level in Bengali

AWARDS & HONORS

2021	Service Commitment Award; Technical Excellence Award
2020	Applause Award; On The Spot Awards