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Rishabh Bohra

Software Engineer

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EXPERIENCE

3.6 YEARS

Open Source Contributions

- Contributions in various open source projects like [troubleshoot.sh](#), [Flux Project](#), [Oh-My-Zsh](#), [Elastic](#), [Kubernetes](#), [Kudobuilder](#) etc.

Tata Consultancy Services Ltd.

- IT Analyst* Dec. 2021 – Present
 - Adding features to Kommander and working across sub-teams for development of various platform supporting tools.
- Software Engineer, Kommander Team (D2IQ Inc.)* Jun. 2021 – Dec. 2021
 - Working on [Kommander](#), a product targeting Kubernetes cluster management and governance.
 - Development of diagnostics tool to collect support bundles from the kubernetes cluster.
- 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 on AWS Infrastructure provisioned using Terraform.
 - 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 DC/OS Data Services- Kafka(Apache & Confluent), Zookeeper etc. using Python, Go, Jenkins and TeamCity. On-call support(tracked 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

- Bachelor of Computer Science & Technology (CGPA 8.35)* Kolkata, India
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 & CERTIFICATIONS

- Certified Kubernetes Administrator(CKA)
- Service Commitment Award; Technical Excellence Award and multiple On The Spot Awards