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Skills

- ▶ **Languages:** Golang, C++, Python, Shell Scripting, SQL
- ▶ **Orchestration frameworks:** Kubernetes, Docker, Operator-SDK for Custom Resources, Helm based packaging of CRDs, gRPC, Protocol Buffers (for microservice communication)
- ▶ **Deployment & Infra Management:** Azure Kubernetes service, Elastic Kubernetes service, AWS Lambda, SQS
- ▶ **Dev & Management Tools :** Git, LINUX CLI, JIRA, Confluence
- ▶ REST APIs, Data Structures & Algorithms, Systems, Networks

Work Experience

SDE 1 (BACK END)

SWIGGY PVT. LTD, BENGALURU (REMOTE) – JAN 2025 - PRESENT

- ▶ Working in the Instamart Supply Chain Management team to create an event-driven system to support creation of Purchase Orders - for Inventory management
- ▶ Revamped the producer-consumer module of the event-driven Purchase Order Handling system to reduce the number of events enqueued to the SQS; saving cloud expenditure by 2%

ASSOCIATE SOFTWARE ENGINEER

VERITAS TECHNOLOGIES, PUNE – JUL 2022 - NOV 2024

- ▶ Developed a Golang based k8s operator for orchestrated migration of 5 micro-services from a monolithic server to cloud-native deployment on Azure & Elastic Kubernetes Services
- ▶ Reduced monthly TCO of CloudScale deployments by 7% - exposing a single Load Balancer and coding a routing strategy to infer destination Cluster IP from an ingress connection's Transient ID
- ▶ Expanded the TestEngine framework for deploying decoupled services on VKS clusters, and created a test suite for testing backups and restores of the Nutanix Prism Central workload.

ASSOCIATE DEVELOPER INTERN

IBM INDIA, NOIDA – JAN 2022 - MAY 2022

- ▶ Customised OpenUI for IOCL's Siebel CRM implementation, enabling cell number based sign-ins for the Document Correction Service, shipping 4 wireframes to production, increasing conversion rate to 35%

Education

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

JULY 2018 - JUNE 2022

BTech (Hons) in Computer Science and Technology

CGPA : 9.69