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Education

- **National Institute of Technology - Surat** Surat
Bachelor of Technology in Computer Engineering; CGPA:7.87/10.00 *Jun. 2010 – Jun. 2014*
 - Key Courses: Computer Architecture, Computer Networks, Operating System, Digital Circuits, Compilers, Algorithms, Data Structures, C
 - **Projects:**
 - * HPC implementation in Cloud Computing - Researched various possibilities of parallel computing
 - * Malware detection in Android based platforms - Based on clustering of linux system calls
 - * Online Class Enrollment Programme - Personal project for enrolling into elective subjects

Experience

- **Scripbox** Bangalore
Devops Engineer *Jul. 2017 – Present*
 - Setup & maintained self managed Kubernetes clusters (in staging & production) on AWS
 - Containerized all services; Setup common build conventions across all projects
 - Migrated production workloads to Kubernetes with minimal downtime
 - Setup autoscaling of production services on Kubernetes based on resources/application metrics
 - Setup common deploy pipeline across all projects, with canary deployment and autorollback support
 - Continuously improved time to build & deploy, via effective use of docker caching & reducing container startup time
 - Cost optimization by auto scaling down of unused services in staging
 - Setup effective monitoring, alerting and logging for all production & staging services, via Prometheus, Grafana, Alertmanager, Loki
 - Setup central configuration service for all projects
- **Amdocs** Pune
Software Developer *Jan. 2016 – Jun. 2017*
 - Developed web service to generate reports of captured orders for specific products
 - Developed web service to capture orders in OCX (Ordering Capture Express)
 - Developed an internal tool for code review; Adding triggers to Perforce
 - Setup nightly CI job for running full E2E tests
Software Developer Associate *Jun. 2014 – Jan. 2016*
 - Specialization in developing order capture tools for telecom companies
 - Worked on core team which develops generalized Ordering framework
 - Worked on delivery team whose main responsibilities is to customize the core product according to customer needs
 - Developed web service for providing detailed order data to downstream systems

Skills

Languages: Go, Elixir, Bash, Ruby, C, Java, GraphQL, SQL

Databases: MySQL, PostgreSQL, Elasticsearch, Redis

CI/CD: Gitlab, Gitlab CI

Cloud Providers: AWS

Container Orchestration: Kubernetes

Tools/Frameworks: Ansible, Packer, Terraform, Docker, Git, Rails

Logging/Monitoring: Prometheus, Grafana, Loki, Graylog

OS: Linux, Unix, Oracle VirtualBox, QEMU

Projects

cachr: Remote Caching for CI/CD

Public Artifacts

- How Knapsack accelerated our test suite by 50%