

Mohit Choudhary

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Technical Skills

Likes: go elixir ruby java bash c graphql ansible packer terraform docker git kubernetes prometheus grafana loki
elasticsearch redis gitlab gitlab-ci linux unix amazon-web-services postgresql mysql

Experience

Devops Engineer – Scripbox

Jul 2017 → Current

go, elixir, ruby, bash, kubernetes, docker, terraform, ansible, packer, amazon-web-services, gitlab, prometheus, grafana

- Setup & maintained self managed kubernetes clusters (in staging & production), hosted on AWS.
- Containerized all services. Setup a common build convention 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.
- Reduced cost by auto scaling down unused services in staging.
- Setup effective monitoring, alerting and logging for all production & staging services, via prometheus, grafana, alertmanager, loki.
- Migrated & maintained self hosted gitlab on kubernetes.
- Setup central configuration service for all projects with best security practices.

Software Developer – Amdocs

Jan 2016 → Jun 2017

java, maven, agile, sql, unix, perforce, jenkins, java-ee

- Developed service to generate printed report to capture ordering related data for specific products.
- Developed new service to capture order in OCX (Ordering Capture Express)

Extracurricular:

- Developed a tool in python, for continuous integration on local machines. Involved perforce, maven, and tiger db installation (Amdocs specific framework for setup of ordering database). Which was responsible for nightly builds on local environments.
- Developed a flexible tool, which notifies through email specific set of user, about code checkins in perforce, which could be filtered extensively according to user requirements, for e.g., Email changes done by specific user(s) or in specific branch to all scrum. Helpful in code review.

Software Developer Associate – Amdocs

Jun 2014 → Jan 2016

ordering, java-ee, maven, agile, continuous-integration, database, sql, unix, java

- Specialization in developing ordering 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.
 - Worked for client AT&T Enterprise, in which ordering is a distributed application, with Amdocs OMS (Ordering Management System) capturing the orders placed by upstream systems, and synchronization and orchestration with downstream systems.
 - Developed web service for providing detailed order data to downstream systems.
 - Developed a purge mechanism in which expired orders are purged.
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Education

Bachelor of Technology – Sardar Vallabhbhai National Institute of Technology, Surat
linux, unix, db, operating-system, compiler-construction, java, networking, c, c++

2010 → 2014

- Cumulative Grade Point Average: 7.87 out of 10.00
- Summer Internship in "**HPC implementation in Cloud Computing**"
Adviser:- Mr. Bhavesh N Gohil
Researched various possibilities of parallel computing, Message passing parallel model, directive-based data-parallel model and Map reduce.
- Final Project in "**Malware detection in Android based platforms**"
Adviser:- Mr. Bavesb Borisaniya
Developed client server application to detect malware, effectively and efficiently on Android based platform. Client is lightweight android application on Google Playstore, which transmits to server, linux system call details of all applications. Server uses clustering algorithms to identify affected applications.
- **Online Class Enrollment Programme**
Personal project. This project intends to make enrollment of elective classes on line. Helps in finding the classes your friend enrolled. Prediction system, gives a measure of your stand in the class. (Whether you'll get a class or not, if yes, what would be your rank in the class)

Projects & Interests

Stack Overflow – <https://stackoverflow.com/users/1246772/mohit>
Written 62 answers. Active in bash and c.

Mar 2012 → Current

ms-choudhary/cachr – <https://github.com/ms-choudhary/cachr>
Remote Caching for CI/CD

Mar 2019 → Mar 2019

Public Artifacts

How Knapsack accelerated our test suite by 50% – <https://medium.com/scripbox-engineering/how-knapsack-accelerated-our-test-suite-by-50-42f8cb584c47>
By Mohit Choudhary.

Feb 2018

Tools

First Computer: Ubuntu 10.04
Favorite Editor: Vim