

RAYAN DASORIYA

SOFTWARE DEVELOPER

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SKILLS

Programming Languages

Python, Go, Shell Script, JavaScript,
TypeScript, Java

Software/Tools

Kubernetes, OpenShift, Travis, Helm, Istio,
Docker, Ansible, Terraform, Jenkins, Spark,
Kafka, Elasticsearch, Airflow

Web Technologies

Angular, React, Flask, Node.js, MySQL,
MongoDB, Redis, Cassandra, GraphQL

Cloud Services

AWS, IBM Cloud, DigitalOcean

TECHNICAL PROJECTS

- **Automated Pipeline:** Created a pipeline to automate configuration, build, test, and deployment of two applications with monitoring on Kubernetes using Ansible and AWS
- **Configuration Management:** Developed Ansible scripts to automate configuration and deployment of a group chat application (Mattermost)

SUMMARY

Cloud enthusiast looking for new challenges to utilize technical skills in a fast-paced SaaS environment. AWS Certified DevOps Professional proficient in transforming ideas into customer-focused features. Problem solver with a technology-independent mindset. Outstanding communicator who builds strong corporate relationships with stakeholders, superiors, peers, and subordinates. Effective and empathetic team player who takes ownership and initiatives for collaboration and growth to deliver results.

WORK EXPERIENCE

IBM Corporation, USA

Feb 2020 - Present

Software Developer

- Managing transformation of a legacy data streaming system, handling millions of requests per day, to a cloud-based system
- Re-designing infrastructure to facilitate real-time, seamless flow of analytics data through Kafka, Spark, Airflow, and Elasticsearch
- Designed and implemented high business value features and services for IBM Digital Marketplace team using MEAN stack
- Primary engineer for integrating a service to securely store credentials in Vault and create a timely backup in 1Password
- Developed **serverless** event-driven error handling pipeline using Node.js, Redis, and Slack
- Implemented CI/CD pipeline to automate build, test, and deploy data streaming application using helm secrets, Tekton, and Argo CD to enable **multi-cluster deployment**
- Delivered automation scripts using **Ansible** saving 14 hours of manual work weekly
- Managed **infrastructure configuration** using Terraform in production-based Kubernetes cluster

IBM Corporation, USA

May 2019 - Dec 2019

Software Developer Intern

- Created customized Watson Score calculator to prioritize support tickets for IBM agents
- Managed transformation of a monolithic architecture into microservices for Kubernetes deployment
- Designed real-time monitoring dashboard and alert notification system for IBM Cloud Kubernetes
- Replaced **600 hours** of manual testing by an automated testing module using Node.js

iPixels Agency Pvt. Ltd., India

May 2017 - Jul 2017

Webstack Trainee

- Developed portal for clients in a team of 4 as a full-stack web development intern using CodeIgnitor
- Maintained live servers, server-side scripts for backend data processing, and front-end development

Oraculous Services, India

Aug 2016 - May 2017

Software Engineer Intern

- Programmed an Android app(iRiss) for free calls; 1,000 downloads in a year with 4+ rating (discontinued)
- Implemented an automated deployment pipeline to assure quality code, testing, and security

EDUCATION

North Carolina State University, USA

Aug 2018 - Dec 2019

MS in Computer Science

CGPA: 4/4

NMIMS University, India

Jul 2014 - May 2018

BTech in Computer Engineering

CGPA: 3.66/4 (*Merit holder*)

- **React Project:** Designed a full-stack application using React and Next.js to deliver a modified version of a user's GitHub profile
- **Cloud Data Storage:** Researched and implemented an algorithm for efficient storage and faster access to static websites over a public cloud

HONORS/AWARDS

- Published **7 research papers** at IEEE conferences and journals in software and cloud domain
- Two times **Hackathon** and one-time **Codathon** winner out of 100+ teams
- Contributed to IBM Cloud Garage, IBM Carbon Library, Expertiza, and Kubeview **open source projects**

CERTIFICATIONS

- AWS Certified DevOps Professional
- Red Hat Delivery Specialist - Container Platform Administration
- Red Hat Delivery Specialist - Automation