

RAYAN DASORIYA

SOFTWARE DEVELOPER

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TECHNICAL SKILLS

Programming Languages

Python, JavaScript, Shell Script, Go, Java

Software/Tools

Kubernetes, OpenShift, Travis, Docker, Ansible, Spark, Kafka, Elasticsearch

Cloud/Web Technologies

AWS, IBM Cloud, Angular, React, Node.js, MySQL, MongoDB, Redis, Cassandra

TECHNICAL PROJECTS

- **Automated Pipeline:** Created a pipeline to automate configuration, build, test, deployment, and monitoring of apps on Kubernetes using Ansible and AWS
- **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
- **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. An AWS Certified DevOps Professional, proficient in transforming ideas into customer-focused features. 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 sales system, handling millions of requests per day, to a real-time hybrid cloud solution using Kafka, Spark, and Elasticsearch
- Designed and implemented high business value features like pricing and promotions API for IBM Digital Marketplace using MEAN stack
- Primary engineer for integrating a backend microservice to securely store credentials in Hashicorp Vault and create a timely backup in 1Password
- Designed serverless event-driven error handling pipeline using Node.js, Redis, and Slack
- Developed a rule manager in Python to update multiple transformation rules in Apache Ignite
- 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
- Automated 14 hours of manual weekly work using Ansible scripts
- 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
- Replaced 600 hours of manual testing by an automated testing module using Node.js
- Managed transformation of a monolithic architecture into microservices for Kubernetes deployment
- Deployed real-time alert and monitoring system using Prometheus on Kubernetes

iPixels Agency Pvt. Ltd., India

May 2017 - Jul 2017

Webstack Trainee

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

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*)

HONORS/AWARDS

- AWS Certified DevOps Professional (Valid till Jan 15, 2024)
- Published 7 research papers at IEEE conferences and journals in software and cloud domain
- Runner up in a hackathon for designing a web-based facial recognition system
- Awarded third prize in an IBM-wide hackathon to detect rogue opportunities in sales data
- Contributed to IBM Cloud Garage, IBM Carbon Library, Expertiza, and Kubeview open source projects