

Rishav Mehra

Email: rishavmehra61@gmail.com

Website: rishavmehra.me

Mobile: +91-86290-58548

GitHub: github.com/rishavmehra

Twitter: twitter.com/Rishavmehraa

Linkedin: linkedin.com/in/rishavmehra

Experience

The Homework App | DevOps Intern | Remote

Jul 2022 - Dec 2022

- Developed a Slack command for the application's intermediate builds
- Optimised the CI/CD pipeline for the application's build speed by 55.55% and the server's build size by 45%
- Introduced containerised development environments and k6 for performance testing
- Designed and engineered an aggregated logging module to increase system observability

Pernicia | DevOps Intern | Remote

Feb 2022 - July 2022

- Responsible for development, and deployment using CI/CD.
- Responsible for delivering blogs, technical documentation, and knowledge articles.

Skills Summary

Languages: JavaScript, Go, YAML, Bash, RestApi, Terraform, NodeJS, ReactJS, Mongoose.

Platform: Linux, Red Hat, AWS Amplify, Netlify, Heroku.

Cloud Technologies: AWS, GCP & Azure.

Tools: GIT, Docker, Kubernetes, GitHub Actions, Jenkins, MongoDB, Prometheus, Grafana.

Other Skills: Slack Slash Commands, Technical Blogs.

Projects & Open-source

- **SpinMergePro:** [Notion](#)
 - Designed and developed a cloud-native web application enabling seamless PDF rotation and merging, combining user-friendly interfaces with robust backend integration.
 - Built with Go, JS, AWS, Terraform, Ansible, Kubernetes, kustomize, Jaeger, Docker, Scripts.
- **HA using AWS:** [Notion](#), [Loom Video](#)
 - Deploy Jenkins on an AWS Autoscaling group with an Application Load Balancer and EFS filesystem for Jenkins' data directory.
 - Built with AWS, Packer, Ansible, Terraform, Python Boto3
- **Database Monitoring :** *using prometheus*
 - Monitored MongoDB for analyzing the slow query count and query time.
 - Use PostgreSQL to analyze running node performance.
- **Technical Writing:**
 - *CI/CD Pipeline:* [GitHub Actions with AWS ECS](#) | collaboration with [KubeSimplify](#)
 - *Introduction of Jenkins pipeline* | collaboration with [KubeSimplify](#)

Education

Bachelor of Computer Applications

Panjab University

2019-2022

Chandigarh, INDIA

Master of Computer Application

Lovely Professional University

2022-2024

Distance learning

Intermediate(Non-medical)

2018-2019

Certifications

- AWS Cloud Practitioner Essentials
- Trophy AZ-700 Designing and Implementing Microsoft Azure Networking Solutions