

Rishav Mehra

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Experience

SoftSolvers | DevOps Engineer | Remote(Malaysia) Sept 2023 - Present

- Resigned cloud infrastructure to optimize performance and scalability.
- Migrated services from Azure to AWS, ensuring 99.9% uptime and cost efficiency.
- Set up Grafana dashboards on AWS, enhancing real-time monitoring and system visualization/logging.
- Reduced Azure monthly costs by 50% through strategic cost optimization initiatives.

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% and the server 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: Go, TypeScript, NodeJS, ReactJS, Ansible, Terraform

Platform: Linux, Red Hat, Netlify, Heroku, Vercel,

Cloud Technologies: AWS, GCP & Azure.

Tools: GIT, Kubernetes, Jenkins, Prometheus, Kestra, Grafana, Databases Nosql/Sql

Other Skills: Slack Slash Commands, Technical Blogs.

Projects

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- **Video conferencing(goMeet):** [GitHub](#)
 - Developed a video conferencing application using [Golang](#) and [Pion](#), integrating real-time chat functionality to enhance user communication
 - Leveraged [WebRTC](#) for seamless video and audio streaming, ensuring high-quality performance and reliability.
 - **Bittorrent-v2:** [GitHub](#)
 - BitTorrent is a peer-to-peer file sharing protocol developed in [Go](#), enabling efficient distribution of large files across a decentralized network.
 - Implemented a [CLI-based](#) interface for the [BitTorrent protocol](#), enhancing usability and streamlining user interactions
 - **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

Education

Master of Computer Application <i>Lovely Professional University</i>	2022-2024
Bachelor of Computer Applications Panjab University	2019-2022
Intermediate(Non-medical)	2018-2019

Certifications

- AWS Cloud Practitioner Essentials
- Kestra Hackathon Winner.
- Trophy AZ-700 Designing and Implementing Microsoft Azure Networking Solutions

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