

Rishav Mehra

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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

Core: JavaScript, Java, YAML, Bash, RestApi, NodeJS(Express.js), Mongoose

Platform: Linux, AWS Amplify, Netlify, Heroku

Cloud Technologies: AWS, GCP & Azure

Technologies: GIT, Docker, Kubernetes, GitHub Actions, Jenkins, MonogoDB, Prometheus, Grafana

Web-Vulnerabilities: XSS, CSRF, SQLi & RCE

Projects & Open-source

- **AWS-Serverless:**
 - Making a serverless web Application on Cloud, which sends the client request to the team for contact as soon as possible
 - Built with AWS S3, AWS API Gateway, AWS Lambda, AWS SES
- **AWS-Amplify:**
 - Host my website on AWS Amplify, put my website source file on GitHub and amplify use this source code to make my website on the internet
 - Built with AWS Amplify, Route 53(optional), GitHub
- **Database Monitoring :**
 - 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 Applications

Lovely Professional University

2022-2024

Punjab, INDIA

Intermediate(Non-medical)

HP Board

2018-2019

Himachal, INDIA

Certifications

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