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, Go, YAML, Bash, RestApi, Terraform, NodeJS(Express.js), ReactJS, Mongoose

Platform: Linux, Red Hat, 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 :** *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 <u>KubeSimplify</u>
  - *Introduction of Jenkins pipeline* | collaboration with <u>KubeSimplify</u>
- **Currently Working** on ReactJS Chess web based application

Education

Bachelor of Computer Applications   *2019-2022*
Panjab University   *Chandigarh, INDIA*

Intermediate(Non-medical)   **2018-2019**
HP Board   Himachal, INDIA

Certifications

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