Rohan Verma

DevOps Engineer

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EXPERIENCE

Moveworks Agentic AI Assistant for Enterprises.
DEVOPS INTERN
Jan 2025 – Present | Bengaluru, Karnataka

→ Deployed and benchmarked OpenSearch clusters on Kubernetes; investigated performance inconsistencies and identified differing file system types as the root cause.
→ Achieved 5% faster indexing compared to the previous EC2-based setup after resolving configuration disparities.
→ Worked with AWS services (EC2, ECR, Secrets Manager, ALB) with GitOps tools (ArgoCD, Argo Workflows), on a day-to-day basis.
→ Optimized SQL queries in the internal deployment database, cutting response times by 50% and improving API performance.
→ Extended backend service functionality to enhance metadata querying and updates in the deployment database.
→ Developed new UI pages to improve accessibility and visibility of deployment data for internal teams.
→ Created a custom Argo Workflow to automate and schedule metadata updates in the deployment database.

NoiLabs Hiring Platform for Creators
CLOUD INFRA INTERN
Jul 2024 – Jan 2025 | Berlin, Germany (Remote)

→ Built a video analysis pipeline running on EC2, using FFmpeg and Spring Boot to detect blurry frames and flag inappropriate content.
→ Data stored in AWS S3, for easy handling of videos and extracted frames.
→ Integrated OpenAI moderation and multimodal APIs, intelligently using rate limits and concurrency, reducing response times by 80%.

Citi India Global Financial Services Provider
Jun 2024 – Jul 2024 | Chennai, Tamil Nadu
FULL STACK DEVELOPER INTERN

→ Used Cisco Splunk monitoring tool to analyze customer drop-off patterns.
→ Created a dashboard to visualize this data, using ReactJS.
→ Worked on a trading POC using Spring Boot, Java Persistence ORM and SQLite.

PROJECTS

Clipboard History & Hotkeys | VS CODE API, TYPESCRIPT
Jul 2023 - Sep 2023

→ A VS Code extension to access the last N items that have been copied system-wide.
→ Created this to solve a personal need of quickly accessing clipboard items using dedicated macro key-binds.

Crow DB | C++, CROW FRAMEWORK, BASH
Oct 2022 - Nov 2022

→ A CRUD API built using the C++ CROW framework, that allows maintaining multiple databases.
→ Implemented using Hash Tables and AVL Tree data structures.

VM Setup Master Script | BASH
Apr 2022 - May 2022

→ An automated solution for fast setup of a newly created Linux virtual machine, running a flavor of Debian; like Ubuntu.
→ The project repository on GitHub also contains a basic guide on Bash Scripting.

SKILLS

Programming

• Python • Shell Scripting • SQL • C++ • Java • TypeScript • JavaScript • HTML • CSS

DevOps & Cloud Platforms

• Kubernetes • Argo CD • Argo Workflow • Jenkins • AWS

Frameworks & Libraries

• Spring Boot • ReactJS • Storybook • CROW

Databases

• PostgreSQL • Firebase

Tools & Utilities

• Postman • NPM • Yarn • Git

EDUCATION

Vellore Institute of Technology (VIT)
B.TECH (COMPUTER SCIENCE)
Sept 2021 - Present | Vellore, Tamil Nadu
Cum. GPA: 9.67 / 10.0

10th rank in a class of 2500

DPS Sushant Lok
PCM AND COMPUTER SCIENCE
Sept 2006 - July 2021 | Gurgaon, Haryana
AISSCE 2021 : 95.8%