

# ATUL VERMA

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## 🎯 SUMMARY

"Aspiring professional seeking a dynamic role in a challenging and growth-oriented environment. Leveraging internship experience, I aim to apply my skills and knowledge effectively, driving both personal and organizational growth. Committed to making a positive impact through dedication, adaptability, and continuous learning."

## 📁 EXPERIENCE

### ● DevOps Engineer (Arosys)

Dec 2023 - Present

- Designed and managed highly scalable and secured Google Kubernetes Engine private (GKE) clusters on GCP with ArgoCD and Helmchart, reducing operational overhead and ensuring high availability for applications
- Designed and implemented scalable and cost-effective solutions on GCP, leveraging services such as Compute Engine, Cloud Storage, and Cloud SQL.
- Hands-on experience with GCP's Serverless offerings such as Cloud Functions and Cloud Run, optimizing application development and deployment.
- Configured and automated CI/CD pipelines using tools like Cloud Build, Jenkins, Bitbucket and GitLab
- Implementation of security best practices, utilizing GCP's Identity and Access Management (IAM), Cloud Identity-Aware Proxy (IAP), and Secret Manager.
- Worked on Three-Tier Architecture in AWS using EC2 Instance, VPC, Elastic Load Balancer (ELB) and RDS.

### ● AWS Cloud Engineer Intern (F13 Technologies)

Aug - Nov 2022

- Deployed and configured EC2 instances to meet specific application requirements, optimizing performance and cost-efficiency.
- Managed data storage effectively by setting up and maintaining S3 buckets for secure file storage and retrieval.
- Contributed to the implementation and monitoring of Virtual Private Cloud (VPC) configurations, ensuring network isolation and security for AWS resources.
- Assisted in the setup and management of Amazon RDS for relational database solutions, enhancing data scalability and availability.
- Played a role in configuring Route 53 DNS services, contributing to reliable and low-latency domain name resolution.

## 🧠 TECHNICAL SKILLS

- **Cloud Platforms:** Google Cloud Platform (GCP), AWS, Azure
- **Containerization:** Docker, Kubernetes
- **CI/CD Tools:** Jenkins, Git, ArgoCD
- **Infrastructure as Code:** CloudFormation
- **Monitoring & Logging:** Prometheus, Grafana, Datadog
- **Version Control:** Git
- **Operating Systems:** Linux (e.g., Ubuntu, RedHat)
- **Automation Tools:** Ansible, Chef, understanding of IaaS/PaaS/SaaS benefits.
- **Infrastructure Automation:** Ansible, Puppet, Chef
- **Networking:** Understanding of networking concepts and protocols
- Familiarity with different operating systems like Linux (mention specific distributions) and Windows Server.
- Experience with server administration tasks like user management, file systems, and security hardening.
- Knowledge of networking concepts and protocols, including basic troubleshooting skills.
- Experience with virtual machine management tools like VMware vSphere or Microsoft Hyper-V.



## PROJECT

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### 1. Portfolio Deployment on AWS:

- Configured Amazon EC2 for web hosting, RDS for database management, Route 53 for DNS, and VPC for network isolation.

### 2. AWS Chatbot Development:

- Created a chatbot using AWS cloud services to improve user engagement and automate interactions.
- Leveraged various AWS tools to build conversational interfaces and streamline user experiences.

### 3. Automatic Braking System for Vehicles, Tracking System:

- Engineered a safety feature that automatically applies brakes when obstacles are detected in the vehicle's path, mitigating the risk of accidents.
- Integrated a location tracking component that sends automatic notifications to a mobile device in the event of an accident, providing precise location information for rapid response and assistance.



## EDUCATION

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**Bachelor of Technology (B.Tech) | CSVTU, CG**

2019 - 2023

*Bhilai Institute Of Technology, Durg. - 8.65*



**Master's In Network Administration | Jetking, Durg**

2021 - 2023



**Shri ShankaraCharya Vidyalaya | Hudco, Bhilai**

Secondary School Certificate (SSC) - 9.4 CGPA

2017

Higher Secondary Certificate (HSC) - 82%

2019



## CERTIFICATION / TRAINING

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- AWS Cloud Technical Essential, by COURSERA
- AWS Services for Solutions Architect Associate, by UDEMY
- Exam Prep: AWS Certified Solution Architect Associate , by COURSERA
- TCS iON Career Edge - Young Professional, by TCS iON ( ncs.gov.in )
- Master in "MATLAB SIMULATION" , by MATLAB



## STRENGTHS & ABILITIES

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- Effective Communication
- Leadership
- Team player
- Finds joy in assisting others
- Motivated and well-disciplined
- Diligence



## DECLARATION

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“ I hereby declare that the details and information given above are complete and true to the best of my knowledge”

**ATUL VERMA**