

# Himanshu Gupta

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## Professional Summary

Passionate DevOps Engineer with expertise/ specialization in multi cloud infrastructure (AWS, Azure, GCP, DigitalOcean), configuration automation and management, and CI/CD pipelines. Skilled in Terraform, GitHub Actions, Jenkins, and scripting (Python, Bash, PowerShell). Proven ability to enhance scalability, security, and operational efficiency. Passionate about learning and mentoring. With hands-on experience in CI/CD pipeline design and implementation, I leverage tools like Git, GitHub Actions, Jenkins, and Terraform to create seamless, automated workflows that accelerate development cycles and improve operational efficiency and cost optimization.

## Skills

- Cloud Platforms: AWS, Azure, DigitalOcean.
- DevOps Tools: GitHub Actions, Jenkins, Docker, Kubernetes (K8s).
- Infrastructure as Code: Terraform, ARM templates, Bicep, CloudFormation.
- Scripting: Python, Bash, PowerShell.
- Server Administration: Linux, Apache, Nginx, Networking, New Relic, Prometheus, Grafana.
- Databases: MySQL, PostgreSQL, MongoDB.
- Soft Skills: Problem-solving, continuous learning, mentorship.

## Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900),
- Microsoft Certified: Azure Developer Associate (AZ-204),
- Microsoft Certified: DevOps Engineer Expert (AZ-400),
- Microsoft Certified: Administrator Associate (AZ-104),
- Google Certified: IAB Digital Marketing and Media Foundations Certification,
- Edureka: Linux Fundamentals, SQL Essentials

## Professional Experience

- **RichestSoft – DevOps Engineer (Oct 2024 – Present)**
  - Implemented modern DevOps practices to accelerate delivery and improve operational efficiency.
  - Built CI/CD pipelines for AWS, Azure, and GCP, reducing manual deployments by 80%.
  - Migrated legacy apps to cloud with zero downtime, cutting costs and boosting performance.
  - Designed resilient multi-cloud architectures for high availability and scalability.
  - Managed and optimized Ubuntu servers for performance, security, and uptime.
  - Automated infrastructure using Terraform and CloudFormation for consistent provisioning.
  - Integrated Git, automated testing, and CI/CD tools to streamline development workflows.
  - Used Bash, PowerShell, and Python to automate tasks and monitor system health.
- **CloudEQ – DevOps Engineer, Azure DevOps & Platform Engineering (Nov 2022 – Aug 2024)**
  - Built and managed CI/CD pipelines using GitHub Actions and Jenkins
  - Automated infrastructure using Terraform and ARM templates
  - Optimized cloud resources for cost and performance
  - Collaborated with development teams and trained new hires on cloud tools

## Projects

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- **Operations Automation – Azure Cloud** - Developed and implemented an automated system for managing and monitoring cloud infrastructure, leveraging Terraform for infrastructure as code, and GitHub Actions for continuous integration and deployment.
  - Automated server upgrades and processes, reducing operational costs by 25%.
  - Integrated automated access to secrets in Azure Key Vault, enhancing security.
  - Configured alerts for ExpressRoute, improving response time to issues by 40%.
- **AWS WAFR Automation – DevSecOps – AWS Cloud** - Developed a DevSecOps automation framework using Terraform and GitHub Actions for AWS, integrating security into CI/CD. Automated security checks, infrastructure provisioning, and code deployments for secure and compliant workflows.
  - Automated security checks and infrastructure provisioning with Terraform.
  - Enhanced availability via automated load balancer configurations.
- **Automated Code Deployment** - Developed an automated tool using AWS, GitHub, and Jenkins., to automatically build and deploy code to EC2 server whenever the developer pushes the code to GitHub.
- **Additional Projects/Tasks** - Developed a tool using GitHub actions to automate internal processes.
  - CI/CD tool to restart PM2 process automatically and through workflow\_dispatch.
  - CI/CD tool to automatically take backups of databases and projects and storing them in artifacts/ server storage/ s3 bucket or any other storage.

## Education

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- Chitkara University – MCA (2020–2022) | CGPA: 9.57
- Panjab University – BCA (2016–2019) | 56.94%
- GMSSS-37B, Chandigarh – 12th (2016) | 63.60%
- Shivalik Public School, Chandigarh – 10th (2014) | CGPA: 6.2