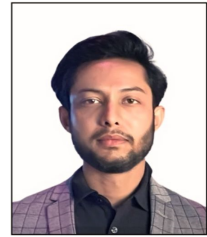


ADITYA RAJ SINGH

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LinkedIn | GitHub | Portfolio



PROFILE SUMMARY

Cloud and DevOps engineering graduate with hands-on experience in AWS, Linux administration, infrastructure automation, CI/CD pipelines, Docker containers, and cloud deployments. Comfortable working across the application lifecycle from development to deployment, monitoring, and troubleshooting in production-style environments. Strong foundation in cloud computing, infrastructure as code, and container orchestration. Actively seeking an entry-level Cloud or DevOps role where I can contribute to real engineering teams while continuing to learn and grow.

SKILLS

- **Technical Skills:** AWS (EC2, S3, IAM, VPC, EBS, CloudWatch, Lambda-basic, Route53-basic), Docker, GitHub Actions, Jenkins, Terraform-basic, Ansible-basic, Linux, Python, Shell scripting, Java, C++, HTML, CSS, JavaScript, MySQL, SQL Server-academic
- **Behavioral Skills:** Leadership, Team Player, Problem Solving, Communication

EDUCATION

- **Master of Computer Application** | Central University of Himachal Pradesh 08/2023 – 08/2025
Kangra, H.P, India
– CGPA: 7.35/10
- **Bachelor of Computer Application** | Lovely Professional University 2021
Punjab, India
– CGPA: 6.03/10

EXPERIENCE

- **DevOps Engineering (Training/Internship)** 08/2025 – 11/2025
GeeksforGeeks
 - Automated Linux user management via shell scripting reducing manual admin time by approx. 40%.
 - Secured AWS EC2 environments using IAM roles, SGs, and networking for multi-region labs.
 - Implemented IAC using CloudFormation and Terraform cutting setup time by approx. 30%.
 - Built CI/CD pipelines via Jenkins and GitHub Actions reducing build/deploy times by approx. 35%.
 - Containerized apps using Docker and deployed on Kubernetes (EKS) with health checks and autoscaling.
- **Executive - Operations** 11/2021 – 07/2023
Aegis Customer Support Services Pvt. Ltd.
 - Resolved 50+ customer issues daily maintaining high support quality.
 - Reduced ticket resolution time by approx. 20% through efficient troubleshooting.
 - Collaborated with multiple internal units to resolve complex cases.

PROJECTS

- **Full-Stack Cloud To-Do Application using AWS Amplify** GitHub Repo
Personal | 2025
 - Designed and deployed a full-stack cloud app integrating frontend, backend, authentication, and CI/CD.
 - Improved operational efficiency by deploying serverless architecture, reducing server cost by 25%.
 - Applied cloud-managed services with real CI/CD troubleshooting and DevOps patterns.
- **EC2 Dockerized Node.js App with RDS MySQL** GitHub Repo
Personal | 2025
 - Containerized and deployed a Node.js application on AWS EC2 with an external RDS MySQL database.
 - Demonstrated secure EC2 access, container execution, database integration, and CLI-based validation.

- **Developer Portfolio** GitHub Repo
Personal / 2025
 - Built a responsive portfolio using HTML, TailwindCSS, and JavaScript with dark mode support.
 - Showcases academic journey, certifications, and cloud/DevOps projects.
- **Login & Signup System with Captcha** GitHub Repo
Personal / 2024
 - Built an authentication system using HTML, CSS, JS, Bootstrap, PHP, and SQL.
 - Added captcha verification and social authentication (Google, Facebook, GitHub).

CERTIFICATIONS

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- | | |
|--|------|
| • DevOps Engineering — GeeksforGeeks | 2025 |
| • Generative AI Foundation — UpGrad | 2024 |
| • Fundamentals of Docker & Kubernetes — Scaler | 2024 |
| • Career Edge: Young Professional — TCS iON | 2023 |
| • The Agnirva Space Internship Program — ISRO / InSPACE | 2023 |

ADDITIONAL INFORMATION

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- **Publication:** Permissioned Smart Contract Based e-Voting System for University, published in IEEE Xplore (Scopus Indexed), DOI: 10.1109/NETCRYPT65877.2025.11102528, presented at NETCRYPT 2025 Conference.
 - **Languages:** Hindi (Native), English (Proficient)