

Yuvraj Singh Rathore

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SUMMARY

Proactive DevOps Engineer with strong hands-on expertise in cloud infrastructure, container orchestration, and systems administration across both Windows and Linux environments. Adept in AWS, CI/CD pipelines, scripting, infrastructure automation, and monitoring. Demonstrated ability to build scalable platforms, automate operations, and manage production-ready systems. Seeking to contribute to dynamic product teams with a focus on infrastructure reliability and operational excellence.

EDUCATION

ARYA COLLEGE OF ENGINEERING & IT, KUKAS, Jaipur

Oct 2021 - June 2025

Affiliated to Rajasthan technical university, Kota

CGPA: 8.5

Completed Bachelor of technology in Computer Science & Engineering

[12th] **Vivekananda Kendra Vidyalaya , Hurda**

(2020-2021) **Percentage: 78.6**

[10th] Nobel International School, Gulabpura

(2018-2019) **Percentage: 80.0**

PROJECTS

Microservices E-Commerce Platform on AWS (DevOps Implementation)

- Deployed a microservices architecture with 10 distinct services using Kubernetes on AWS EKS
- Utilized Terraform to automate the provisioning of 7 AWS resources including VPC, subnets, and security groups
- Built CI/CD pipelines that reduced deployment time by 75% and enabled 4x more frequent releases
- Configured high-availability architecture achieving 99.9% uptime during 2-week testing period
- Implemented monitoring dashboard
- Technologies: AWS, Kubernetes, Docker, Terraform, GitHub Actions, Argo CD, Prometheus, Grafana

GitHub-JIRA Integration Automation

- Developed a Python Flask application connecting GitHub Webhooks with JIRA APIs
- Created an automated workflow that processes different GitHub event types
- Reduced ticket creation time and Implemented error handling
- Technologies: Python, Flask, GitHub API, JIRA API, Webhooks

SKILLS

- **Systems Administration:** Windows Server (2019/2022), Active Directory, Group Policy, DNS, DHCP, File Shares, NFS
- **Linux** (RHEL9, Ubuntu, Amazon Linux): User management, networking, crons, log analysis
- **Cloud & Infrastructure:** AWS (EC2, S3, DynamoDB, ALB, Lambda, VPC, Route53, EBS, CloudWatch, API Gateway, EventBridge, IAM), **Azure** (Active Directory, MFA, Security Center)
- **Infrastructure as Code & Automation:** Terraform , CloudFormation, Ansible (basics), Python, Bash, PowerShell
- **DevOps Tools & CI/CD:** Jenkins, GitHub Actions, Argo CD, Docker, Kubernetes (EKS)
- **Monitoring & Logging:** Prometheus, Grafana
- **Other Tools:** JIRA, Git, Visual Studio Code, Postman

INTERNSHIP EXPERIENCE

Celebal Technologies – Intern (Cloud & Infra Security)

June 2024 – Aug 2024

- Developed an authentication solution on Microsoft Azure, reducing unauthorized access attempts by 65%
- Implemented Multi-Factor Authentication (MFA) for 200+ test user accounts.
- Created security notification workflows that improved alert response time.
- Completed 3 security improvement projects with time delivery

ACHIEVEMENTS

RHCSA

AWS Certified Associate Developer