Puspendra Chawla

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Professional Summary

Dynamic entry-level DevOps Engineer specializing in cloud-native solutions and CI/CD automation. Proven ability to architect scalable infrastructure leveraging Infrastructure as Code (IaC) principles. Achieved 99.9% uptime for production environments through container orchestration and automated deployment pipelines. Reduced release cycles by 60% while eliminating 90% of manual errors through workflow optimization.

Education

Bachelor of Technology in Computer Science 2021 – 2025
Modern Institute of Technology and Research Centre, Rajasthan, India
CGPA: 7.8/10 — *Relevant Coursework:* Cloud Computing, DSA, Computer Networks

Senior Secondary School (Science) 2019 – 2021
Yashwant Senior Secondary School (RBSE)
Percentage: 82% (Physics, Chemistry, Mathematics)

Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, IAM, VPC), Render, Railway, Vercel, IBM Cloud
- **DevOps Tools:** Terraform, CloudFormation, GitHub Actions, Jenkins, Ansible, Helm, Prometheus
- **Containerization & Orchestration:** Docker, Docker Compose, Kubernetes, OpenShift, Podman
- **Programming & Scripting:** Go, Python, JavaScript, TypeScript, Bash, C++
- **Databases:** MongoDB, PostgreSQL, Redis, MySQL

Project Portfolio

AnimeVerse — Full-Stack Cloud Platform   *Go, Terraform, Docker, GitHub Actions, AWS EC2*
GitHub

- Engineered scalable, secure cloud-native application with IaC tooling, reducing infrastructure setup time by 70%
- Orchestrated containerized microservices via Docker, enabling consistent, reproducible environments across stages.
- Automated CI/CD pipeline implementing GitOps methodology, significantly accelerating release velocity by 60%.
- Secured comprehensive application lifecycle management workflow, effectively reducing deployment errors by 90%.

AutoSnapper — Scalable Microservice Architecture   *Go, React, Render, AWS ECS, Redis, Terraform*
GitHub

- Designed robust, agile event-driven microservice system handling 1,000+ daily requests with fast Redis caching
- Implemented infrastructure automation on AWS ECS with auto-scaling policies, load balancing, and monitoring
- Maintained 99.9% SLA through proactive health monitoring, real-time alerting, and zero-downtime deployments.
- Established secure, scalable pipeline with CI/CD, access controls, and scanning, reducing deployment time by 60%.

Certifications & Achievements

- **IBM DevOps, Cloud, and Agile Foundations** (Coursera, 2024)
- **DevOps: Beginner to Advanced with Projects** (Udemy, 2025)
- **Top Reader - daily.dev** (143-day streak, 322 reading days)
- **Full Stack Development Program** (SkillOceans, 2024)

Interests & Hobbies

Tech Articles, Open Source Enthusiast, Linux Enthusiast, Tech News, Music