

Puspendra Chawla

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Professional Summary

Recent Computer Science graduate passionate about DevOps and cloud-native technologies. Demonstrated hands-on experience through academic projects involving CI/CD pipelines, containerization with Docker, and infrastructure automation using Terraform and AWS. Strong foundation in programming languages including Go and Python, with keen interest in implementing DevOps best practices.

Education

Bachelor of Technology in Computer Science	2021 – 2025
Modern Institute of Technology and Research Centre, Rajasthan, India	
CGPA: 7.8/10 — <i>Relevant Coursework:</i> Cloud Computing, DSA, Computer Networks	
Senior Secondary School (Science)	2019 – 2021
Yashwant Senior Secondary School (RBSE) — Percentage: 82%	

Technical Skills

- **Programming Languages:** Go (Intermediate), Python (Intermediate), JavaScript (Basic), Bash (Intermediate)
- **Cloud Platforms:** AWS - EC2, S3, IAM, VPC, EKS, ECS (Hands-on project experience)
- **DevOps Tools:** Docker (Intermediate), Terraform (Intermediate), GitHub Actions (Intermediate), Kubernetes (Intermediate), Jenkins (Intermediate), Ansible (Basic), Helm (Basic), Prometheus (Basic), Grafana (Basic)
- **Databases:** MongoDB, PostgreSQL, Redis, MySQL
- **Version Control:** Git, GitHub (Proficient)

Project Portfolio

IAC-Vpro — EKS Infrastructure as Code *Personal Project*
Technologies: Terraform, AWS EKS, GitHub Actions, Kubernetes, VPC — [GitHub](#)

- Designed production-ready AWS EKS cluster with multi-AZ VPC architecture, private subnets, and full automation
- Implemented Infrastructure as Code using Terraform for automated cluster provisioning, scaling, and management
- Built comprehensive CI/CD pipeline with GitHub Actions for streamlined GitOps-based deployment automation
- Applied strong cloud security best practices with IAM roles, security groups, and advanced cost optimization methods

AnimeVerse — Full-Stack Cloud Platform *Personal Project*
Technologies: Go, Terraform, Docker, GitHub Actions, AWS EC2 — [GitHub](#)

- Developed production-ready cloud-native web application with scalable Go backend architecture and containerization
- Implemented Infrastructure as Code using Terraform for automated AWS resource provisioning and configuration
- Built comprehensive CI/CD pipeline with GitHub Actions for automated testing and streamlined deploy workflows
- Configured multi-stage Docker containerization with optimized images for consistent development environment setup

AutoSnapper — Microservice Architecture *Personal Project*
Technologies: Go, React, Docker, AWS ECS, Redis, Terraform — [GitHub](#)

- Designed scalable event-driven microservice architecture with decoupled frontend and backend service components
- Implemented distributed caching strategy using Redis with connection pooling to improve application response times
- Deployed containerized services on AWS ECS with auto-scaling configuration and comprehensive load balancing
- Integrated comprehensive health monitoring endpoints with structured logging and real-time performance tracking

Key Strengths

- **Problem-solving:** Analytical thinking and systematic approach to troubleshooting challenges
- **Self-directed Learning:** Continuous improvement mindset with strong documentation habits
- **Collaboration:** Team player with experience in group projects and code review processes

Certifications & Achievements

- **IBM DevOps, Cloud, and Agile Foundations** (Coursera, 2024)
- **DevOps: Beginner to Advanced with Projects** (Udemy, 2025)
- **Active Tech Community Member** - daily.dev (143-day streak, 322 reading days)

Interests & Hobbies

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