ATRIJA SARKAR

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DEVOPS ENGINEER | CLOUD & AUTOMATION SPECIALIST

SUMMARY

Results-oriented Software Engineer with 5 years of backend development experience, now transitioning into DevOps. Proficient in container orchestration, Terraform, Ansible, CI/CD, and AWS Cloud. Adept at building scalable, automated, and resilient cloud-native systems. Delivered measurable improvements: 200+ hours saved monthly via automation, 25–40% performance gains, and 60% reduction in deployment failures.

TECHNICAL SKILLS

Cloud & Devops	CI/CD	Programming	Databases
AWS (EC2, S3, VPC, IAM, ELB, ECR, CloudFront, CloudWatch)	GitHub Actions	Python (Automation, Web Scraping)	MySQL
Docker, Kubernetes	Git, GitHub	Bash	MongoDB
Terraform, Ansible	Jenkins	PHP, JavaScript	RDS

Frameworks & APIs	Monitoring & Logging	OS & Systems	Networking & Security
Laravel, REST APIs, GraphQL, RabbitMQ, Microservices	Prometheus, Grafana	Linux (Ubuntu, CentOS), Shell Environments, Server Management	VPC, Subnets, Load Balancing, DNS, Security Groups

PROFESSIONAL EXPERIENCE

Software Engineer II — Airpay Payment Services
Remote | July 2024 – Present

• Developed integrations for seller platforms (Bagisto, OpenCart, Shopify) with ONDC, reducing integration time by 30%.

• Implemented RESTful and GraphQL APIs, improving data exchange performance by 25%.

• Automated merchant onboarding, processing 500+ monthly registrations with 99% accuracy.

• Optimized backend data handling, reducing data processing time by 40%.

Laravel Developer — Notiontechnologies
Navi Mumbai, MH | Aug 2022 – July 2024

• Built and maintained CMS systems with user hierarchies and custom modules.

• Improved page load speed by 35% through backend optimizations.

• Developed deployment automation scripts, cutting release time by 50%.

• Managed concurrent user systems supporting 500+ users efficiently.

Software Engineer — Capgemini
Gurugram, HR | Aug 2021 – June 2022

• Worked on telecom automation projects for 20+ microservices.

• Contributed to legacy system migration to AWS, cutting costs by 25%.

• Configured infrastructure automation for testing environments, improving testing efficiency by 40%.

• Reduced failed deployments by 60% via optimized deployment scripts.

Field Service Executive — Avaso Technology
Mohali, PB | Jan 2020 – May 2021

• Optimized technical service delivery processes, enhancing operational efficiency by 30% and maintaining a 95% client satisfaction rate.

DEVOPS PROJECTS

Dockerized Laravel Microservices Application
• Containerized Laravel API project using Docker and Nginx, reducing deployment time by 60%.

• Implemented custom networking and volume persistence for high availability.

• Achieved 99.5% uptime and improved scalability.

AWS Infrastructure Automation with Terraform & Ansible
• Provisioned EC2 infrastructure using Terraform with automated VPC configuration.

• Configured instances with Ansible reducing setup time by 70%.

• Deployed auto-scaling policies supporting 10K+ concurrent users.

CI/CD Pipeline with GitHub Actions & Docker
• Built a fully automated CI/CD pipeline with GitHub Actions, cutting deployment time and manual effort to nearly zero.

• Containerized all services with Docker, standardizing builds and eliminating environment inconsistencies across dev, staging, and prod.

• Integrated a Python web-scraper with complete backend + frontend delivery flow, enabling automated data ingestion and rapid feature rollouts.

Kubernetes Microservices Deployment
• Deployed production-grade microservices on Kubernetes using native manifests, achieving seamless rolling updates and zero downtime.

• Implemented persistent volumes, HPA, and service discovery to boost reliability, fault tolerance, and scalability.

• Tuned cluster resource strategy, improving utilization efficiency and overall deployment stability by 40%.

EDUCATION & CERTIFICATIONS
B.Tech in Information Technology — Chandigarh Group of Colleges (CGC), Mohali, Punjab | 2016–2020

PW Skills DevOps & Cloud Computing — In Progress (Expected Completion: December 2025)

• Hands-on with Docker, Kubernetes, AWS, Terraform, and CI/CD pipelines.