

# ATRIJA SARKAR

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| Portfolio: atrija968.github.io

## 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 Platforms: AWS (EC2, S3, VPC, IAM, Security Groups, ELB, CloudFront, ECR, CloudWatch)
- Containerization & Orchestration: Docker, Docker Compose, Kubernetes
- Infrastructure as Code: Terraform, Ansible
- CI/CD & Version Control: GitHub Actions, Jenkins, Git, GitHub
- Programming & Scripting: Bash, Python (Automation, Web Scraping), PHP, JavaScript
- Monitoring & Logging: CloudWatch, Prometheus (Learning), Grafana (Learning)
- Operating Systems: Linux (Ubuntu, CentOS), Windows Server
- Databases: MySQL, MongoDB, RDS
- Web Technologies: Laravel, REST APIs, GraphQL, RabbitMQ, HTML, CSS
- Networking: 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

- Provided on-site technical support for 50+ enterprise clients.
- Enhanced service delivery by 30% via process optimization.
- Maintained a 95% customer satisfaction rating across projects.

## 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

- Implemented CI/CD pipeline automating build, test, and deploy workflows.
- Integrated AWS ECR for containerized deployments improving release cycles by 80%.
- Reduced manual intervention and enhanced release frequency.

### Kubernetes Microservices Deployment

- Deployed microservices with Kubernetes and Helm for rolling updates.
- Configured persistent storage and auto-scaling for fault tolerance.
- Improved resource utilization by 40% and deployment stability.

## 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.