# PRATIK RODI

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## PROFESSIONAL SUMMARY

Full Stack Engineer with strong hands-on experience across application development and AWS Cloud & DevOps practices. Experienced in designing, building, deploying, and operating scalable applications using CI/CD automation, Infrastructure as Code, containerization, and monitoring. Adept at working across the full software development lifecycle in Agile, consulting-driven environments.

## CORE SKILLS

**Application Development:** React.js, JavaScript, Node.js, REST APIs, PHP, HTML, CSS
**Databases:** SQL, MongoDB
**Cloud Platforms:** AWS (EC2, S3, IAM, VPC, RDS, Route 53, ALB, Auto Scaling, Lambda)
**DevOps & Automation:** Jenkins, GitHub Actions, AWS CodePipeline (working knowledge)
**Infrastructure as Code:** Terraform, Ansible, AWS CloudFormation (foundational exposure)
**Containers & Orchestration:** Docker, Kubernetes (EKS – foundational exposure)
**Monitoring & Operations:** AWS CloudWatch (Logs, Metrics, Alarms, Dashboards)
**Tools & Practices:** Git, GitHub, YAML, JSON, Linux Administration, Agile / Scrum

## PROFESSIONAL EXPERIENCE

**Full Stack Engineer (AWS Cloud & DevOps)**                    *May 2025 – Present*
*Matfly Solutions, Pune*

- Designed and developed full-stack web applications across frontend and backend layers.

- Collaborated with cross-functional teams in Agile sprints to deliver reliable and scalable releases.

- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions to automate build and deployment workflows.

- Deployed and managed applications on AWS using EC2, S3, IAM, VPC, RDS, and Route 53.

- Provisioned cloud infrastructure using Terraform and supported configuration automation using Ansible.

- Implemented monitoring and alerting using AWS CloudWatch logs, metrics, dashboards, and alarms.

- Performed Linux administration including user management, permissions, cron jobs, and production troubleshooting.

**Full Stack Developer**                                        *Feb 2024 – Apr 2025*
*Acute Solution, Pune*

- Developed and enhanced ERP modules using PHP, JavaScript, HTML, and CSS.

- Integrated backend services and databases to support scalable business workflows.

- Optimized backend logic and database interactions, improving system performance by approximately 25%.

- Monitored AWS-hosted applications using CloudWatch logs and metrics.

- Assisted operations teams in resolving production incidents and performance issues.

## KEY PROJECTS

**Cloud-Native Appointment & Billing Platform (Full Stack + DevOps)**

- Designed and developed a cloud-native full stack platform using React, Node.js, and relational databases.

- Implemented CI/CD pipelines to build, containerize, and deploy microservices using Docker and GitHub Actions.

- Provisioned AWS infrastructure using Terraform including VPC, EC2, EKS, RDS, IAM, and Auto Scaling.

- Deployed containerized services on Kubernetes (EKS) with rolling updates and zero-downtime deployments.

- Implemented observability using AWS CloudWatch dashboards, metrics, alarms, and SNS alerts.

**AWS Monitoring Dashboard for Auto-Scaling Web Application**

- Architected and deployed a scalable web application using EC2, ALB, and Auto Scaling Groups.

- Configured CloudWatch metrics, dashboards, and alarms for real-time system monitoring.

- Implemented auto-scaling policies and proactive alerting to support application reliability.

## EDUCATION

**Master of Computer Applications (MCA)** *2022 – 2024*
Sinhgad Institute of Management, Pune
CGPA: 8.06 / 10

**Bachelor of Computer Science (BSc CS)** *2019 – 2022*
Hislop College, Nagpur
CGPA: 7.37 / 10

## CERTIFICATIONS

Google Cloud Computing Foundation – NPTEL
Python, Java, C++ – ETH Research Lab

## VOLUNTEER EXPERIENCE

**PO Cadet – NCC Navy** *2019 – 2022*
Demonstrated leadership, discipline, teamwork, and participation in national-level camps.