Md. Saydur Rahman

DevOps Professional | *Cloud Infrastructure* | *Automation*
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Professional Summary

DevOps and Cloud Infrastructure Engineer with hands-on experience in **cloud platforms, production operations, infrastructure automation, CI/CD, and technical troubleshooting** across **Oracle Cloud Infrastructure (OCI), AWS, and Azure**. Currently supporting government digital services including **EkPay, NPF, and Nothi**, serving **5M+ users with 99.9% uptime**. Experienced in Linux administration, CI/CD, containers, Kubernetes, networking, monitoring, logging, and cloud security. OCI Certified DevOps Professional with hands-on expertise in **Terraform, Jenkins, Docker, Kubernetes, Prometheus, Grafana, Git, and automation**.

Professional Experience

DevOps Professional **Mar 2025 – Present**
Aspire to Innovate (a2i), ICT Division | Dhaka

- Migrated ekPay from **on-premise to cloud** with **99.9% uptime for 5M+ users and 100% data integrity**, securing banking/MFS connectivity.
- Cut deployment time by **87.5%** (2 hours to 15 minutes) with **Jenkins CI/CD**; microservices deploy in < 60 **seconds** with automated rollback.
- Automated cloud provisioning with **Terraform** (IaC) for secure, scalable environments.
- Strengthened **Nothi's** security and reliability through backups, migration planning and upgrades.
- Monitored **Nothi, ekPay, Doptor and SDG Tracker** across Dev/Staging/Production for faster incident resolution.
- Troubleshot production **Linux, Docker, Kubernetes** and network issues alongside app, database and security teams.

Research Associate – IT Infrastructure **Aug 2024 – Mar 2025**
Bangladesh Center for Research and Planning (BCRP) | Bangladesh

- Built and deployed a production website with automated deployment workflows, infrastructure configuration, and operational documentation.
- Evaluated cloud and infrastructure platforms to improve operational efficiency, reliability, security, and compliance.

Design Associate (Infrastructure) **May 2024 – Aug 2024**
Aspire to Innovate (a2i), ICT Division | Dhaka

- Assisted in architecture design for **3–4 infrastructure projects**, supporting cloud design, planning, and technical documentation.

IT Intern **Nov 2023 – Feb 2024**
Quazi Enterprises Limited | Dhaka

- Built internal applications using **.NET and Microsoft technologies** and provided application troubleshooting and system support.

Technical Skills

Cloud & Infrastructure: Azure, OCI (Certified), AWS, Cloud Infrastructure, Cloud Migration, Production Operations
Cloud Services: Azure Compute, Storage, Virtual Networks, IAM/RBAC, Azure Functions, OCI Compute, Networking, Storage
IaC & Containers: Terraform, CloudFormation, Docker, Kubernetes, AKS, Helm
CI/CD & Automation: Jenkins, GitLab CI, GitHub Actions, Azure Pipelines, Bash, Python, PowerShell
Operating Systems: Linux/Unix, Ubuntu, Oracle Linux, Windows Server
Networking & Web Servers: TCP/IP, DNS, SSL/TLS, VPN, Load Balancing, Nginx, Apache
Databases: PostgreSQL, MySQL, MongoDB, SQL Server
Monitoring & Logging: Prometheus, Grafana, ELK Stack, Zabbix
Cloud Security: IAM/RBAC, Secrets Management, Access Control, Infrastructure Hardening
Development & Tools: Git, GitHub, GitLab, JavaScript, Laravel, Spring Boot
Languages: English – Proficient, Bangla – Bilingual

Key Projects

- **Government Production Cloud Infrastructure:** Supported cloud migration, deployment automation, monitoring, and troubleshooting.
- **LGD Digital Services:** Led cloud infrastructure deployment and CI/CD implementation.
- **SportsFixtures (Shozzle):** Built an end-to-end development and automated deployment environment.
- **BCRP Website:** Built and deployed a production website with an automated deployment pipeline.

Education & Certifications

B.Sc. in Computer Science & Engineering – Bangladesh University of Business & Technology **CGPA: 3.72**

Major: Artificial Intelligence | **Thesis:** Cybersecurity in the Banking Industry: Identifying Vulnerabilities and Mitigating Cyber Threats

Certifications: Oracle Cloud Infrastructure 2025 **Certified DevOps Professional** | Enhancing Digital Government and Economy (EDGE) | Cisco Certified Network Associate (CCNA) Training