

Md. Asaduzzaman Rony

Dhaka, Bangladesh • mohammadronyku@gmail.com • mohammadrony.com • (880) 1521-255638

PROFILE SUMMARY

DevOps & Software Engineer with 2 years of experience in building scalable applications and automated infrastructure. Skilled in application development (Java, JavaScript, Python, C++), CI/CD pipelines, container orchestration, and cloud platforms (AWS, DigitalOcean). Hands-on expertise in configuration management with Ansible and virtualization with VMware. Proficient in GitOps workflows using ArgoCD and observability stack with Grafana and Prometheus. Adept at bridging software engineering and DevOps practices to deliver secure, reliable, and efficient solutions.

EXPERIENCE

Dynamic Solution Innovators Ltd. – Junior DevOps Engineer Sep 2023 – Aug 2025

- **Software Development:** Built and debugged applications in Java, Python, JS, and C++, ensuring optimized and maintainable code.
- **Virtualization & Containers:** Deployed applications using VMware, Docker, and Kubernetes, designing HA container architectures with GitOps and Docker Compose.
- **CI/CD & Automation:** Created robust pipelines using Jenkins, Argo, and GitHub Actions, integrating Bash/Python scripts for automation.
- **Cloud & Server Management:** Administered Linux/Windows servers, configured cloud services (EC2, RDS, S3, Route53, IAM), and optimized security & performance.
- **Monitoring & Observability:** Built observability stack with Grafana, Prometheus, and OpenTelemetry, implementing logs, metrics, and tracing dashboards.
- **Database Management:** Maintained SQL (Oracle, MySQL, PostgreSQL, MSSQL) and NoSQL (MongoDB, Redis) databases with recovery, backup, and performance tuning.

BJIT Academy Ltd. – Trainee DevOps and Cloud Engineer Apr 2023 - Jul 2023

- **Cloud Computing:** Managed AWS infrastructure including VPC, EC2, RDS, CloudFront, IAM, and S3.
- **Container Orchestration:** Built secure containerized apps with Docker and Kubernetes (EKS & On-Prem).
- **Automation and CI/CD:** Implemented CI/CD pipelines with Jenkins & GitLab, plus automation using Ansible and Bash.

EDUCATION

B.Sc. in Computer Science and Engineering Jan 2018 – Feb 2023
Khulna University

CERTIFICATES

Certified Kubernetes Administrator - The Linux Foundation Sep 2024 – Sep 2026

PROJECTS

- **eMarket:** Vue.js + Node.js e-commerce app with Stripe integration & MySQL backend.
- **Smart Diary:** Flutter + Node.js/TypeScript + MongoDB app for collaborative note sharing.
- **Argo Practice:** GitOps with ArgoCD for Blue-Green & Canary deployments.

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, C++, Bash
- **Frameworks:** Vue.js, Flutter, Node.js
- **Cloud Platforms:** AWS, DigitalOcean
- **DevOps & Automation:** Terraform, VMware, Docker, Kubernetes, Jenkins, ArgoCD, Ansible
- **Servers & Networking:** Nginx, HAProxy, Apache, Tomcat, Postfix | TCP/IP, DNS, LAN/WAN
- **Databases:** MySQL, PostgreSQL, MSSQL, Oracle, MongoDB, Redis
- **Monitoring:** Prometheus, Grafana, OpenTelemetry, ELK Stack
- **Version Control:** GitHub, GitLab
- **Development Practice:** Agile (Scrum), SDLC
- **Other Tools:** MinIO, CSS3, HTML5, Git

INTERESTS

- Exploring cloud-native and AI-driven workflows.
- Continuous learning through certifications and communities.
- Practicing problem-solving on coding platforms.
- Contributing to open-source in DevOps and AI.
- Experimenting with AI in software development and automation.

LANGUAGES

- **English:** Professional Working Proficiency
- **Bangla:** Native or Bilingual Proficiency