



# MD SHIHAB HOSSAIN SHIFAT

## SYSTEM ENGINEER | DEVOPS ENGINEER | AWS & LINUX ENTHUSIAST

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### OBJECTIVE

Cloud & DevOps Engineer with hands-on experience in AWS infrastructure, Linux server administration, CI/CD pipelines, and containerized deployments using Docker. Skilled in monitoring, automation, and maintaining highly available production systems. Currently expanding expertise in Terraform and Infrastructure as Code.

### TECHNICAL SKILLS

- **Cloud Computing:** AWS (EC2, Lightsail, VPC, IAM, Auto Scaling Group, Cloud Scheduler)
- **Infrastructure as Code (IaC) & Automation:** Terraform, Bash Scripting, Ansible (Foundational), Docker
- **CI/CD:** GitLab CI/CD, Jenkins, GitHub Actions
- **Containerization & Virtualization:** Docker, VMware ESXi, Microsoft Hyper-V, Oracle VirtualBox
- **Networking & Load Balancing:** TCP/IP, DNS, Static IP Configuration, HAProxy, CCNA
- **Monitoring & Security:** Nagios, Zabbix, Wazuh
- **Databases:** MySQL, PostgreSQL 14, Microsoft SQL Server, Oracle 19c, Microsoft Access

### WORK EXPERIENCE

#### Junior DevOps Engineer, Metafour Ltd

**JAN 2025 - PRESENT**

- Provision and manage AWS infrastructure (EC2, VPC, IAM, Auto Scaling, Load Balancers, EBS) ensuring high availability and reliability.
- Deploy and maintain Java and Docker-based applications with stable release pipelines and optimized container environments.
- Manage multi-tenant production platforms, performing regular deployments and maintaining performance across multiple client environments.
- Configure and maintain HAProxy load balancers and PostgreSQL clusters for high availability and performance.
- Implement Infrastructure as Code using Terraform to deploy and manage Wazuh security monitoring infrastructure.
- Implement monitoring and alerting using Nagios and Grafana dashboards.
- Support CI/CD pipelines using GitHub Actions and automate operational tasks with Bash scripting.
- Contribute to automation initiatives and infrastructure improvements while supporting ISO27001 and ISO22301 compliance and DR drills.

#### Assistant System Administrator, MicroMac Techno Valley Ltd

**JAN 2024 - DEC 2025**

- Managed AWS cloud infrastructure (EC2, S3, Route53) for production platforms including eboighar.com and queue.com.
- Deployed applications using Docker containers for improved scalability and environment consistency.
- Installed and maintained GitLab and Jenkins CI/CD pipelines to automate build and deployment processes.
- Implemented Zabbix monitoring for server health, performance tracking, and early incident detection.
- Administered Linux servers (RedHat, CentOS, SUSE, Oracle Linux) and Windows Server environments.
- Configured Apache/Nginx, PHP, MySQL, Oracle, and SQL Server for application hosting and database operations.

- Managed VMware ESXi virtualization, MikroTik networking, and Cisco switching infrastructure.
- Implemented backup and disaster recovery solutions, including automated NAS to Google Drive data replication.

## PROJECTS COMPLETED:

### Deployment & Maintenance:

- eboighar.com (AWS)
  - Deployed full e-commerce system on AWS EC2 with Apache, PHP, MySQL
  - Configured security groups, VPC Peering, and SSL (Let's Encrypt)
- a1queue.com (AWS)
  - Implemented full stack on AWS with Nginx load balancing and MySQL
  - Ensured backup automation of MYSQL database by Bash scripting
- CI/CD Implementation
  - Installed and configured GitLab and Jenkins on local servers
  - Created CI/CD pipelines for PHP-based web applications

## COURSES

- Professional Linux Training:
  - Redhat Enterprise Linux System Administration I,II,III(240-Hours)
- CCNA - Atova Technology
- Windows Server Administration -(344-hours)
- AWS Cloud Technology Consultant Specialization
- DevOps Mastery Specialization(KodeKloud)

## EDUCATION

Professional Diploma in Network Solutions and System Administration	Feb 2021 - Jan 2023
<ul style="list-style-type: none"> <li>• IsDB-BISEW IT PROJECT</li> <li>• Project on Office Network Renovation.</li> <li>• for details go to:<a href="#">Office Network Renovation</a></li> </ul>	
Bachelor of Science with Honours	Aug 2014 - Oct 2018
<ul style="list-style-type: none"> <li>• BGMEA University of Fashion &amp; Technology</li> <li>• Major in Apparel Manufacturing &amp; Technology</li> <li>• Thesis on "Technological Advancements within the current Textile Industry".</li> </ul>	
HSC, Science	2013
<ul style="list-style-type: none"> <li>• Mirpur BCIC College</li> </ul>	
SSC, Science	2011
<ul style="list-style-type: none"> <li>• Cumilla Zilla School</li> </ul>	

## ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Urdu, Arabic.
- **Certifications:** **MikroTik Certified Network Associate (MTCNA)**, **Cisco Certified Network Associate (CCNA 200-301)**, **GOOGLE IT Support**
- **Personal Skills:**
  - Problem Solving Skills
  - Willingness to Learn
  - Effective oral and written communication skills
  - Strong analytical problem-solving capabilities
  - Project management skills

## REFERENCES

AFM Bakabillah  
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