

Rashmi Haluwana

+94 7171 80703 | rash.haluwana@gmail.com

Linkedin : [linkedin.com/in/rashmihaluwana](https://www.linkedin.com/in/rashmihaluwana)

Credly : www.credly.com/users/rashmi-haluwana/

Website : <https://www.rashmihaluwana.me/>

PROFESSIONAL SUMMERY

A results-driven Cloud Infrastructure Engineer with comprehensive experience in designing, deploying, and managing secure, scalable, and compliant multi-cloud architectures across AWS, GCP, Huawei Cloud, and Orel Cloud. Proven ability to administer mission-critical systems, automate DevOps workflows, and ensure high availability for payment platforms. Skilled in implementing robust security measures and secure VPN integrations with financial institutions, with a strong understanding of PCI DSS and ISO 27001 standards. A certified professional (AWS, Oracle, Huawei) with a Bachelor of ICT (Honors), adept at managing end-to-end cloud infrastructure, Microsoft 365 environments, and driving system integrations to maintain 99.9% uptime.

TECHNICAL SKILLS

- **Cloud Platforms** : AWS ,GCP, Huawei Cloud, Orel Clod, Oracle Cloud
- **AWS Serivices**: IAM, EC2, S3, RDS, VPC, CloudWatch, CloudTrail, ELB, Route 53, API Gateway, KMS, SSM, CloudShell, GuardDuty, WAF, AWS Backups, Cloudfront, Code BuildCodePipeline, VPC Peering, Site-to-site VPN, NAT Gateways, AWS Patch Manager
- **DevOps & Automation**: AWS CI/CD, shell scripting, Git, Lambda Functions, Docker, AWS EKS, Docker Desktop , Kind, Terraform(Basics)
- **System Administration & Cloud Infrastructure Management**: Linux server provisioning (Amazon Linux , RedHat, Ubuntu), VPN Configurations, DNS Management, EFS, User Access Management, Linux service Installations, Database operations with RDS (Aurora, MySQL, Postgress, Oracle), CIS Benchmark Server Hardnening
- **Security and Compliance**: Identity & Access Management, encryption using KMS, PCI DSS, ISO 27001, VPC security groups, WAF, AWS VPN , OpenSource VPN (Libreswan, OpenSwan), Pfsense, GuardDuty, Wazuh
- **Performance Monitoring**: Cloud Watch metrics and alerting, Zabbix, log analysis, cost optimization, Cloud trail
- **Microsoft 365**: Microsoft 365 Admin Centre, SharePoint, Microsoft Entra ID (Azure AD), Microsoft Intune, Sharepoint Online, Windows AutoPilot

WORK EXPERIENCE

PayMedia Private Limited

Cloud Infrastructure Engineer | March 2026 - Present

- Administered, maintained and configured mission-critical AWS infrastructure (EC2, S3, RDS, VPC, EKS) ensuring high availability for payment systems
- Configure Linux-based servers and automate deployment processes using Git, AWS CodeDeploy, CodePipeline
- Configure and monitor Site-to-Site VPNs between AWS and partner banks such as Amana, Cargills, DFCC, NTB, NSB, HNB Assurance, Mobitel, and CEB, Nippon
- Deploy and manage scalable cloud architectures ensuring cost optimization and security compliance (PCI DSS, ISO27001).
- Assisted in deploying lightweight Docker containers for testing and development environments. Gained experience in creating Dockerfiles, managing container lifecycles,
- Manage Linux-based servers, conduct performance monitoring with CloudWatch, and troubleshoot cloud services and networking issues.
- Coordinate with clients, banking institutions, and third-party vendors for system integrations and operations.

- Collaborate with senior engineers and vendors for secure integrations, maintaining 99.9% uptime for payment systems.
- Administered end-to-end Microsoft 365 operations, including user lifecycle management (account creation, licensing, groups, and MFA) in Microsoft Entra ID (formerly Azure AD), laptop onboarding via Windows Autopilot, Intune, and Azure AD Join, and SharePoint Online site, library, and permission administration to ensure secure, compliant, and efficient onboarding and collaboration for users and devices

Associate System Support Engineer | March 2024 - March 2026

Technical Support-Intern | Sep 2023 - March 2024

KEY CLOUD PROJECTS

Amana Bank (Remittance App) - AWS

- Designed and deployed AWS infrastructure with VPC (public/private/DB subnets), EC2, NAT Gateway, API Gateway,
- Configured high-availability RDS with Auto Scaling and secure S3 storage
- Established Site-to-Site VPNs with Amana and Cargills Banks for secure financial data exchange.

PixelPay (Internet Payment Gateway) - AWS

- Built AWS multi-tier architecture for IPG services using Route 53, CloudFront, API Gateway, ALB/NLB, Kubernetes EKS nodes, RDS, S3.
- Implemented full CI/CD pipeline with CodePipeline and CodeBuild.
- Enhanced security with Secrets Manager, KMS, Security Groups, WAF and monitoring with CloudWatch/CloudTrail

Fintrex Project(Mobile APP & Web) - Huawei Cloud

- Developed infrastructure using Huawei ECS and configured web servers as NAT instances to provide internet access for private servers, secured with WAF protection, and implemented shared storage (File Sharing Service) for internal data access.

RDB Bank(Web Application & Mobile APP) - Orel Cloud

- Implemented Mobile App and Web Portal architecture using Orel Cloud Elastic Load Balancer as reverse proxy for private servers, mounted OBS for file sharing, and configured VPN Gateway with RDB Bank middleware and CEFT integration. Outbound Internet access through PFSense

DigiCeylon Project(Biller) | ComLeap Project (Internet Payment Gateway) | PayPlus Project(Internet Payment Gateway) - AWS

- Built AWS multi-tier high available architecture for IPG and biller services using Route 53, CloudFront, API Gateway, ALB/NLB, Kubernetes EKS nodes, RDS, S3, Auto Scaling, Lambda Functions, Events Bridge.
- Implemented full CI/CD pipeline with CodePipeline and CodeBuild.
- Enhanced security with Secrets Manager,Parameter Store, KMS, Security Groups, WAF and monitoring with CloudWatch/CloudTrail

Seylan Bank Integration High level Cloud Architecture Designing

EDUCATION | CERTIFICATIONS & COURSES

Bachelor of Information Communication Technology (Honors)

2nd Upper class | Rajarata University of Sri Lanka | 2019-2024

Certifications

- AWS Certified Solutions Architect-Associate | 2026-2029
- Oracle Cloud Infrastructure 2025 Certified Foundation Associate Certification | 2025
- AWS Cloud Practitioner Certification | 2025-2028
- Huawei Cloud Tech Essentials HCCDA | 2025-2028

Courses

- AWS Cloud Practitioner Foundational Course | University of Moratuwa | 2024
- Cisco Certified Network Associate (CCNA) Certification | University of Moratuwa | 2021
- Enterprise Networking, Security & Automation

NON-RELATED REFREES

Buddhi Nirmal Weerasekara

Former Vice President in PayMedia
Paymedia Private Limited
+94 77 2012222

Thilanga Liyanage

Project Management Officer (PMO)
Paymedia Private Limited
+94 71 3096373