BISHAL RANJITKAR

Automation & DevOps Engineer | AWS Certified Solutions Architect

Kathmandu, Nepal | +977 9812241818 | bishalranjitofficial@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Skilled in building automated workflows using n8n to reduce manual work and save time. Experienced in using GitHub Actions and Docker to support deployment and CI/CD processes. Passionate about improving processes, making systems more efficient, and learning new automation and DevOps tools.

TRAINING & CERTIFICATIONS

- **[AWS Solutions Architect Associate:](#)** Gained in-depth knowledge of AWS core services such as EC2, S3, RDS, IAM, and VPC. Learned to design and deploy scalable, highly available, and fault-tolerant systems on AWS.
- **[n8n Course Level 2:](#)** Built on foundational knowledge to implement advanced workflow automation, including complex data merging, batch processing, API integrations, error handling, and automated reporting with scalable workflows.
- **[AWS Advanced Testing Practices Certificate:](#)** Skilled in CI/CD testing, static code analysis, and deployment strategies using AWS CodePipeline, CodeBuild, CodeDeploy, and Lambda.
- **[Automate Tasks with Python:](#)** Learned to automate repetitive tasks using Python, including file handling, data processing, and basic scripting to improve efficiency and reduce manual effort.
- **[Google Cloud Cybersecurity Certificate:](#)** Learned to secure cloud environments using Google Cloud technologies. Covered Compute Engine, IAM, Cloud Firewall rules, and best practices in cloud security.

TECHNICAL SKILLS

- **Automation & CI/CD:** n8n (Level 2), GitHub Actions, Jenkins, Bash
- **Containerization & Infrastructure:** Docker, Terraform, Git, GitHub
- **Infrastructure as Code & Tools:** Terraform, Docker, Git, GitHub
- **Cloud Platforms & Concepts:** Amazon Web Services (AWS), Hostinger;
- **Monitoring & OS:** CloudWatch, Linux, Windows, macOS

PROFESSIONAL EXPERIENCE

INTERN NEPAL PVT.LTD — Thamel, Kathmandu, Nepal
Automation & DevOps Intern — Jan 2026 – Present

- Automated workflows using n8n, reducing manual work by 20%
- Built automation flows that improved task completion speed by 25%
- Assisted with GitHub Actions and Docker to automate basic deployment steps
- Improved system efficiency by automating repeated processes across tools
- Helped the team find and build new automation solutions

ADEX INTERNATIONAL PVT.LTD — Ekantakuna, Lalitpur, Nepal
Cloud Apprentice — July 2025 – August 2025

- Completed an 8-week hands-on AWS Cloud Apprenticeship.
- Worked on real-world AWS services (EC2, S3, RDS, IAM, VPC).
- Received mentorship from industry experts and built scalable cloud solutions.
- Prepared for the AWS Solutions Architect Associate exam through labs and projects.
- Documented cloud deployment steps to help the team work more efficiently

PRATICAL PROJECTS

- **[CI/CD Pipeline with Jenkins, Docker & AWS EC2:](#)** Built an automated CI/CD pipeline using Jenkins for a Node.js static site. Integrated GitHub for source control, Docker for containerization, and AWS EC2 for cloud hosting. Configured Jenkins pipeline stages for code cloning, image building, and deployment via Docker Compose.

- **Three-Tier Web Architecture on AWS:** Deployed a scalable and fault-tolerant setup using a custom VPC with public and private subnets across multiple Availability Zones. Implemented high availability by utilizing an Application Load Balancer (ALB) and Auto Scaling Groups (ASG) to handle traffic spikes .
- **Automated Data Enrichment & Reporting Workflow (n8n & APIs):** Developed a multi-stage automation pipeline using n8n to perform complex data merging and batch processing across disparate API sources.
- **Scalable AWS infrastructure using Terraform:** Created a VPC with public and private subnets, launched EC2 instances, configured internet gateway and route tables, and set up security groups using Terraform for automated provisioning.
- **Building and Deploying Containers Using AWS ECS:** This project demonstrates the use of Amazon Elastic Container Service to host a simple multi-component web application composed of a website with two supporting API services. The website displays a form where you compose a story with placeholders for nouns, verbs and adjectives.

EDUCATION

TRIBHUVAN UNIVERSITY
Bachelor of Computer Applications (BCA)
Cumulative GPA: 3.40/4.0
Relevant Subjects: Cloud Computing, Database Management, Networking & Security, Software Engineering, Web Development, Operating Systems, Python Programming