

PRAJWAL SINGH KHATRI

CONTACT

- 📞 9867357818
- 📍 Kalanki, Kathmandu
- ✉ prajwalkhatri366@gmail.com
- 🌐 www.linkedin.com/in/prajwal-singh-khatri-ab8808267

EDUCATION

THE BRITISH COLLEGE, KATHMANDU

BSc (Hons) Cybersecurity and Digital Forensics - Completed

SKILLS

- Programming: Python, Bash
- Backend Development: REST API, JSON, Client-Server Architecture, JWT Authentication
- AWS Services: EC2, IAM, VPC, S3, Route 53, CloudWatch, Lambda (Fundamentals)
- Databases: PostgreSQL, Relational Database Concepts
- Networking: TCP/IP, DNS, DHCP, Subnetting
- Version Control & Tools: Git, GitHub, AWS CLI
- Virtualization & Containers: VMware Workstation, Docker
- Operating Systems: Linux Administration
- Cloud Security: IAM, Security Groups, Least Privilege Access Control

CERTIFICATION

AWS CERTIFIED SOLUTIONS

ARCHITECT – ASSOCIATE

Earned certification demonstrating knowledge of AWS architecture, networking, security, storage, compute services, high availability, disaster recovery, and serverless technologies.

ABOUT ME

Recent BSc (Hons) Cybersecurity and Digital Forensics graduate with hands-on experience in AWS cloud infrastructure, Linux administration, networking, and Python-based development projects. AWS Certified Solutions Architect – Associate with practical exposure to cloud services, automation, and backend fundamentals. Passionate about building reliable software, learning cloud-native technologies, and developing scalable backend systems.

WORK EXPERIENCE

CLOUD APPRENTICE

Adex International 2-month Apprenticeship

- Completed hands-on training in AWS cloud infrastructure, networking, security, and operational best practices.
- Provisioned and configured AWS resources including EC2 instances, VPCs, IAM users and roles, and S3 storage.
- Practiced troubleshooting cloud infrastructure issues related to instance connectivity, security groups, routing, and access permissions.
- Assisted in deploying and managing Linux-based web applications in cloud environments.
- Configured IAM policies and security controls following least-privilege access principles.
- Worked with Route 53 DNS concepts, hosted zones, and domain resolution for cloud-hosted services.
- Analyzed CloudWatch metrics and logs to identify performance bottlenecks and infrastructure availability issues.
- Created technical documentation and deployment guides while using Git for version control and collaboration.

FINAL YEAR PROJECT

Secure Email Server Deployment using Linux and VMware

- Designed and deployed a Linux-based email server in a VMware virtualized environment.
- Configured mail services, DNS records, and user accounts to support email communication and server operations.
- Performed Linux server administration, service management, system configuration, and log analysis.
- Developed Python scripts to automate administrative tasks and assist with monitoring and troubleshooting.
- Troubleshot mail delivery, DNS, and network connectivity issues while documenting deployment procedures and configurations.
- Technologies: Python, Linux, VMware Workstation, DNS, SMTP, IMAP, Networking