

Gaurav khatiwada

AWS Cloud Engineer

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AWS cloud engineer with 1 year of experience in Amazon Web Services (AWS). Passionate about automation, best cloud security practices and leveraging cloud technologies to improve the agility and efficiency of businesses.

RELEVANT WORK EXPERIENCE

MSP Solution Pvt. Ltd, Anamnagar, Nepal 2022 – Present - Associate Cloud Engineer

- **Infrastructure Automation:** Utilized Ansible for installing WordPress on multiple ec2 at once.
- **Cloud Automation:** Utilized CloudFormation and Terraform for creation and management.
- **Monitoring and Notification:** Implemented Nagios XI for site monitoring, ec2 & triggering email alerts.
- **API Gateway and DynamoDB Integration:** Configured API Gateway with DynamoDB for seamless data interaction.
- **AWS CLI for File Transfer:** Used AWS CLI for efficient file transfers.
- **Networking and VPN:** Set up Site-to-Site VPN for secure network communication. facilitated cross-account S3 access.
- **CI/CD Pipeline:** Implemented CI/CD pipelines using CodeBuild, CodePipeline, S3, and GitHub. Implemented CI/CD for Reactjs applications on AWS EC2.
- **Web Hosting and Server Management:** Hosted WordPress with WHM and cPanel. Installed and configured Apache, Nginx, and Elastic Beanstalk.
- **Security and SSL:** Implemented SSL, Ensured secure site access with OpenVPN and recovered lost PEM files.
- **AWS Lambda and S3 Integration:** Implemented Lambda functions with S3 event triggers, SNS notifications. Developed Lambda functions for image thumbnail creation.
- **Database Migration:** Migrated mysql database from EC2 instances onto an RDS.

EDUCATION

- **Pawan Prakriti English Secondary School, Lalitpur, Nepal** 2015 School Leaving Certificate
- **Reliance International Academy (RIA), Kathmandu, Nepal** 2015-2017 +2 in science
- **College of Applied Business, Kathmandu, Nepal** Bachelor in Science, Computer Science and Information Technology.

SKILLS

- **AWS Services:** EC2, S3, RDS, Lambda, API Gateway, VPCs, Elastic Load Balancers (ELBs), Route 53, etc.
- **Automation and Deployment:** Ansible, CloudFormation, Terraform, CI/CD pipelines.
- **Networking and Security:** VPN, VPC, OpenVPN, IAM, SSL, Nagios XI.
- **Web Hosting and Management:** WHM, cPanel, Apache, Nginx, Elastic Beanstalk.
- **File Transfer and Storage:** AWS CLI, S3, EBS, File System Management.
- **Email Migration:** Zoho to Google Workspace and Outlook to G-Suite.
- **Monitoring and Notification:** Nagios XI, Email Alerts.
- **Database Management:** Migration from EC2 to RDS, WordPress migrations.
- **Integration and Development:** Lambda, SNS, API Gateway, CI/CD ReactJS.