**Nathnael Gashu**

**AWS Certified Cloud Engineer** ([**Portfolio**](https://velvety-hotteok-91fb46.netlify.app/#projects)**)**

**Email:** gashnathnael@gmail.com**| Phone:** +1 571 343 9124 **| Location:** Woodbridge VA 22192

# PROFILE

* AWS Cloud Engineer with expertise in managing and provisioning AWS services such as EC2, ELB, VPC, RDS, IAM, CloudFormation
* Proficient in SCM tools like Git, Bit Bucket, GitLab, and experienced in configuration management.
* Strong scripting abilities with Bash shell and proficiency in programming languages
* Experienced in monitoring AWS infrastructure and applications using CloudWatch and other monitoring tools.

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| **AWS services**   | EC-2, ELB, VPC, RDS, IAM, Cloud formation, S3, Cloud watch |
| **SCM Tools**   | GIT, Gitlab, GitHub  |
| **Virtualization Software**  |  VMware  |
| **Scripting**   | Bash, Python |
| **Programming Languages**   | Python, Java  |
| **Monitoring Tools**   | Cloud watch, Cloud Trail |
| **Linux Flavors**   | Kali Linux  |
| **Web Technologies**   | HTML, CSS, Java Script, XML, JSON |

# SKILLS

# EXPERIENCE

**Brain Up Software Technologies, (Remote) | May 2019 – Jan 2024**

 **Software Engineer Responsibilities**

* Over three years of professional experience in engineering and technical roles, involving complex and rapidly evolving software/products.
* Responsible for design, implementation, and operational support for cloud-based infrastructure solutions.
* Created VPCs, subnets including private and public, NAT gateways in a multi-region, multi-zone infrastructure landscape as per requirement.
* Hands-on experience with DevOps and information tools such as JIRA, Confluence, SharePoint.
* Comfortable working with and reading code, generating Terraform scripts and templates required for the automatic provisioning of resources.

# EDUCATION

Bachelor of Science in Information Technology | Marymount University |Arlington, VA

**CERTIFICATIONS**

AWS Certified Solutions Architect - Associate

# PROJECTS

## Multi-Tier Infrastructure Using AWS CloudFormation

* I automated cloud infrastructure deployment using CloudFormation templates, an Amazon VPC, and a 3-tier infrastructure on EC2 instances across three Availability Zones, gaining experience in identifying and leveraging infrastructure features. This project showcased my ability to enhance cloud-based services through automation techniques.

[**WildRydes**](https://github.com/NabeServer/WildRydes)

* Using AWS Lambda, API Gateway, DynamoDB, Cognito, and Amplify Console, I created a serverless application with continuous deployment and hosting of frontend's static web resources. I integrated Cognito for user management and authentication, and DynamoDB for data storage, showcasing my ability to design and deliver secure, efficient, and scalable serverless applications on AWS.

## Amazon Best – Seller

• I retrieved and stored 50,000 Amazon products in an S3 bucket and visualized data using Amazon Quick sight’s and PowerBI tools. I showcased my expertise in AWS data management and visualization, and my ability to communicate insights through effective visual storytelling.