

# Noah Heath

Kansas City, MO  
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[LinkedIn](#)  
[Github](#)  
[Portfolio](#)

**CLOUD ENGINEER** with a proficient background designing and implementing robust cloud-based solutions, leveraging 5 years of intelligence data analytics. Holds AWS and GCP associate certifications with an active TS/SCI clearance, bringing a unique blend of military precision and cloud engineering proficiency to configure and maintain cutting-edge technologies seamlessly.

## EXPERIENCE

### **Allegiant Giving, Remote — Cloud Engineer Intern**

July 2023 – January 2024

- Engaged in a dynamic DoD Skillbridge internship, immersing into real-world cloud engineering scenarios
- Set up and configured cloud environments, troubleshooting issues to ensure seamless deployment of solutions
- Implemented networking solutions on AWS and GCP, including the configuration of Virtual Private Clouds (VPCs), Elastic Load Balancers (ELBs), and Auto Scaling Groups (ASGs)
- Integrated data analytics solutions on AWS (Kinesis, Athena, Glue, EMR) and GCP equivalents
- Delivered tangible results through significant deliverables

### **USAF | NSA, Ft Eisenhower — Intelligence Data Analyst**

May 2022 – July 2023

- Drove communication signals intelligence collection and production, specializing in technical and data analysis
- Analyzed and interpreted 25 key datasets, offering valuable feedback and guidance to stakeholders
- Maintained databases of signal types and activities, ensuring metadata, query, data restructuring, and signals development adhere to DoD standards

### **USAF | NSA, Ft Eisenhower — Intelligence Operator**

January 2019 – April 2022

- Intelligence liaison between Combined Air & Space Operations Center, NSA, and US Central Command tactical elements
- Oversaw 36 threat warning missions, drafting 51 reports, and tipping 18 enemy fighter reactions, fortifying \$62 billion in aircraft and aircrew survivability
- Delivered enemy activity pattern analysis and coordinated data exchanges

## SKILLS

- Cloud Service Providers (AWS, GCP)
- Infrastructure as Code (Terraform, CloudFormation)
- Containerization (Docker, Kubernetes)
- CI/CD tools (Jenkins, GitHub actions)
- Networking and Security protocols (TCP/IP, VPC, Firewall, SSL/TLS)
- Cross-functional Team Collaboration
- Scripting/Programming experience (Python, Bash, JavaScript)
- Data Analytics (SQL, NoSQL, Visualization)
- Verbal / Written Communication

## DELIVERABLES

### **SERVERLESS WEBSITE**

- Portfolio website for Cloud Resume Challenge using AWS.
- Amazon S3 for scalable file storage and enhanced security with CloudFront and HTTPS
- JavaScript-based visitor tracking, storing data in DynamoDB, and API-Lambda for real-time updates
- IaC using AWS SAM for efficient deployment
- GitHub repo and GitHub Actions for source control and CI/CD

### **TERRAFORM MONOLITH RECONFIG**

- Restructured monolithic TF config, improving scalability and manageability
- Implemented separate directories and states for dev and prod environments

## EDUCATION

### **Bachelor of Science in Cloud Computing** *Western Governors University*

January 2024 – Expected 2025

### **A.A.S. in Intelligence Studies and Technology** *Community College of the Air Force*

January 2018 – August 2022

## CERTIFICATIONS

### **AWS Solutions Architect Associate**

December 2023

### **GCP Associate Cloud Engineer**

September 2023

### **Google Data Analytics Certificate**

August 2023

## MILITARY SERVICE

- United States Air Force
- Honorable Discharge
- Jan 2018 – Jan 2024
- Staff Sergeant (E-5)
- Specialty Code: 1N271C  
(Signals Intelligence  
Communications Analyst)
- Awarded Distinguished Graduate /  
Air and Space Achievement Medal