

MIKE KNIGHT | CLOUD ENGINEER

Career pivot to cloud
Self Led, Curious, Driven
Develop | Implement | Optimize

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CLOUD SOLUTIONS | ASSOCIATE SOLUTION ARCHITECT

LEARN – ARCHITECT – BUILD – TEST

Curious Problem Solver | Positive Mindset | Ambitious

Transitioning to Cloud Career: Pivoting to cloud from the service industry.

Industry Certifications: [AWS Certified Cloud Practitioner](#), [AWS Certified Solutions Architect - Associate](#)

Certified Entry-Level Python Programmer (PCEP-30-01), and LinkedIn Skill Badge Amazon Web Services (AWS)

AWS Skill Builder Badges: [AWS Cloud Quest: Cloud Practitioner](#), [AWS Cloud Quest: Serverless Developer](#), [AWS Cloud Quest: Solutions Architect](#)

AWS Cloud Quest: 42 Solutions Built

A Cloud Guru: 5 Courses - 30+ Labs Completed

Sample Projects

- [Instance Scheduler](#)
- [Building a Serverless Application Using Step Functions, API Gateway, Lambda, and S3 in AWS](#)
- [Check EC2 instances for mandatory tags at launch](#)
- [Set Up a WordPress Site Using EC2 and RDS](#)
- [Create a Multi-Subnet VPC with Secure Access to Private Servers with Outbound Internet Access](#)

RECENT WORK HISTORY

YOUR IT STAFF INC, Scranton, PA

OCTOBER 2022 – PRESENT

CLOUD ASSOCIATE (Contract to full time work)

Tools used	Sample of AWS Services Utilized
<ul style="list-style-type: none">- Python (w/Boto)- AWS CDK- Cloudformation- Git- JSON/YAML- VS Code- Cloud 9	<ul style="list-style-type: none">- S3- Lambda- EC2 (W/VPC and Subnets)- Step Functions- AI Service (Textract and Rekognition)- IAM- EventBridge- SNS- CodePipeline

Worked with Principal Cloud Architect on SMB Cloud projects

- Implemented EC2 Instance Schedule Solution for client
- Linking business challenged to technical solutions
- Determined best EC2 pricing model (Spot vs On Demand) for client
- Deployed AWS CDK solutions

COSMOS CHEESESTEAKS

Full Time: March 2016 – Oct 2022 Part Time: Oct 2022-Present

LEAD LINE COOK

Cook in a high traffic location. Various duties. Responsible for specials, ordering, scheduling and food safety standards.

EDUCATION

LACKAWANNA COLLEGE - PURSUED ASSOCIATE DEGREE IN CYBER SECURITY, SCRANTON, PA | 2019-2020

Program Goals

- Interpret the fundamental concepts and techniques of cyber security.
- Analyze cyber security measures for all the major computer science components which include operating systems, networks, databases, programming, and information assurance.
- Apply coursework concepts to hands-on laboratory exercises in order to demonstrate cyber security skills.
- Recognize the ethical and moral responsibilities during the practice of cyber security.

Courses attended: Computer Security, Malicious Software, Information Security, Cyber Crime, Cyber Threats and Attacks, Cyber Defense, and Policy Risk and Ethics

4.0 GPA in all complete courses - Did not complete degree due to Covid

JOHNSON COLLEGE, 64 CREDITS TOWARD ELECTRONIC ENGINEERING TECHNOLOGY SCRANTON, PA | 2012-2014

Notable Courses

- CIT 183 - Network Architectures, Principles, and Protocols
- ART 127 - Computer Aided Design
- AMT 253 - Programmable Logic Controllers
- AMT 157 - Sensors and Systems in Automation

CONFERENCES

ATTENDED

[NYC Summit - July 12 2022](#) (In person)

[AWS AWeSome Day - Thursday Oct 20th 2022](#)

WORKSHOPS/LABS COMPLETED

CONTINUOUS LEARNING

[Learn Python on AWS](#)

[LEVEL 200: CLOUD INTELLIGENCE DASHBOARD](#)

[Python Boto Examples](#)

[Learn GitLab with Tutorials](#)

[AWS CDK WORKSHOP](#) (USING PYTHON)

BOOKS READ

CONTINUOUS LEARNING

[AWS Cookbook](#)

[Solution Architect Handbook](#)

[PYTHON CRASH COURSE, 2ND EDITION: A HANDS-ON, PROJECT-BASED INTRODUCTION TO PROGRAMMING](#)