

Hae Oh

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EXPERIENCE

Accenture

Tampa, FL

Tech Architecture Senior Analyst (DevOps Engineering)

December 2022 - Present

Client: Leading global financial services firm specializing in investments and wealth management

- Engineer dynamic CI/CD pipelines to automate deployment of AWS resources through Terraform and Jenkins, aligning with enterprise best practices
- Leveraging Terraform, integrate AWS policies for IAM into CloudFormation stacks and KMS keys, create S3 buckets with enterprise security guardrails, and dynamically configure variables based on environment parameters
- Collaborate with Architects within an Agile, global team to conceptualize and implement proof of concepts, while actively collecting use-case requirements across diverse platforms and tools for enterprise business units

Client: Fortune 500 corporation that provides insurance risk and management solutions

- Implemented data protection measures utilizing SaaS/PaaS vendor tools for scanning, classifying, and tokenizing sensitive data across on-premise and GCP applications
- Gathered information from stakeholders and liaised with business teams to identify protection use-cases and protection methods (tokenization/masking), to create comprehensive design documents and visual flows using Microsoft Visio
- Managed the upgrade and maintenance of over 50 Linux servers installed with SaaS/PaaS software for in-scope applications, including patching updates, cluster setups, and policy creation, to ensure high availability and security

Tech Architecture Analyst

Jan 2022 - Dec 2022

Client: Multinational corporation and leading supplier of endoscopy and minimally invasive surgery products

- Assisted with conducting technical security review of client's AWS cloud environment with a focus on IAM, logging/monitoring, and data security
- Coordinated with relevant stakeholders to gather information on the client's existing AWS footprint including infrastructure, security controls, and operational practices
- Synthesized technical findings and provided actionable security recommendations to the client

Client: Telecommunications firm that provides internet and other digital services to millions of customers

- Collaborated in maintaining container security through the use of Palo Alto's Prisma Compute tool and managed status update decks for client executive leadership
- Created technical runbook for container security deliverables, including integrating scanning with Jenkins and implementing registry governance
- Acquired foundational knowledge of vulnerability management, compliance, and PCI security through regular interaction with enterprise teams

Berkeley Research Group

Washington, DC

Summer Associate

June 2021 - Aug 2021

- Refactored an R script to dynamically scrape client data by implementing for-loop logic, resulting in cleaner output consolidated into Excel and error files automatically separated into subdirectories
- Imported and cleaned large datasets into SQL by recasting variables, joining tables, and creating tables under a schema

EDUCATION

The George Washington University

Washington, DC

Bachelors of Science in Public Health and Minor in Bioinformatics

Graduated Dec 2021

- Major GPA: 3.97, Cumulative GPA 3.80, summa cum laude, Dean's List (5 semesters)
- Course: Intro to Python, Database Design and Application, Cloud Computing

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** [Hashicorp Terraform Associate](#), [GCP Associate Cloud Engineer](#)
- **Skills:** Python, R, SQL, Bash, Snowflake, Jenkins, Terraform, AWS, Microsoft Office Suite
- **Interests:** Tennis, Premier League, F1, Running