Brandon Rayson

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Summary

Cloud Architect with hands-on Amazon Web Services (AWS) project experience in designing, deploying, and managing scalable solutions. Proficient in common cloud services, Azure, and security, with intuition in automation, infrastructure as code, and data migration off premises. Skilled in implementing DevOps practices including CI/CD pipelines, monitoring, and system optimization. Passionate about leveraging technologies to drive business innovation and efficiency. Currently looking to contribute to cloud projects in fast paced environment. Bachelor's Degree, US Citizen, Located in NYC.

Projects

Serverless AI Model
- Leveraged AWS Sagemaker, DynamoDB, SNS and API gateway to create a model for credit card fraud detection. The model is based on the background, finances and card type of the user, which provides a story for the AI to make decisions. When suspect transactions are posted, it is blocked, a log entry is created and shared with the administrator through SNS.

Complete CI/CD pipeline
- Using Terraform and Kubernetes, provisioned a fleet of containerized EC2 instances to host a versatile, highly available web application.

Work Experience

International Rescue Committee   June 2022 – February 2025
HR Systems Associate, Employee   November 2022 – February 2025
- **Resolved**, assigned and tracked incidents through the **ServiceNow** Platform, assessing **70+ technical issues per week**.
- Improved overall Workday system efficiency, **reducing issue resolution time by 30%** and improving HR data integrity, ensuring seamless global HR operations.
- Assisted in **system testing,** release management, and **continuous improvement** initiatives along with regular Workday HCM administration
- Provided Workday **security role** assignments and auditing to maintain data integrity and compliance.

Hamaya Group (Financial Services)   April 2021 – February 2022
IT Help Desk Associate, Contract
- Supported employees with **cloud**-based applications and resolved access issues related to **Microsoft Exchange & Azure AD**.
- Provided Level 1 technical support to bank associates, resolving **50+ technical issues per week** in a high-pressure environment.
- **Resolved and escalated** critical tasks to improve processes and guarantee their continuity.
- Utilized **ServiceNow** to track incidents, monitor recurring issues, and ensure timely resolution of support tickets.

Metropolitan Transportation Authority   August 2018 – March 2021
Procurement Associate
- Utilized Excel (VLOOKUP, INDEX-MATCH, PivotTables, Pivot Charts) to analyze large data sets for contract administration.

Education

University at Albany, State University of New York   Graduated May 2017
Bachelors of Science in Informatics
Minor in Computer Science

Technical Skills

AWS & Cloud: EC2, Azure, VPC, Lambda, S3, IAM, Redshift, RDS, DynamoDB, Route53, Microsoft Exchange, Azure AD, VPC, API Gateway, Route53, DNS, VPN. Security Groups, WAF, Bash, Linux, CloudFormation, GitHub Actions.

Infrastructure: Python, Docker, Kubernetes, Terraform, Ansible, Load Balancing, SQL, PostgreSQL, Boto3.

Certifications: AWS Certified Solutions Architect Associate: June 2025