Sean Hui

Cloud Engineer | Solutions Architect | Systems Engineer

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Summary

A Cloud Engineer equipped with 2 AWS Certifications in transition from 5 years of Software Development/IT Support, demonstrated crafting and deploying automated solutions in the cloud environment, and ready to meet the evolving demands of the current market.

Professional Experience

Cloud Database Developer **Jonel Engineering** *Fullerton, CA* **07/2023- 11/2023**

- Drove the redevelopment of advanced queries for large-scale databases using technologies like MySQL and AWS EC2; supporting daily operations for hundreds of companies.
- Harnessed scripts and automation tools to streamline repetitive tasks, enhancing development and deployment lifecycle for the department.
- Managed continuous integration and continuous deployment pipelines to automate the software delivery process; improved by over 50%.
- Demonstrated capability in exploring and assessing emerging cloud technologies, suggesting and integrating cost-effective solutions that enhance system performance by 20%.
- Administered and operated networking, storage systems, operating systems and Amazon Web Services systems, increasing production.
- Promoted in four months due to strong performance, organizational impact, and exceptional team leadership.

Technical Solution Architect **Jonel Engineering** *Fullerton, CA* **04/2023- 07/2023**

- Spearheaded migrating and transforming legacy customer solutions to the cloud and facilitating operations to numerous client requests.
- Designed cloud-based solutions for 20 clients in a 24x7 operational service to troubleshoot hardware and software issues, contributing to over 75% increase in production and doubled revenue.
- Innovated and optimized our software application utilized by hundreds of companies and proposed Agile methods, improving client dependencies to software implementations and configuring metrics.

Software Development Intern **SurePrep** *Irvine, CA* **01/2023-04/2023**

- Developed and implemented Bash scripts to process heavy data entry, becoming the top 5% of leading production generated by results.
- Collaborated with a 50 member cross-functional team for the implementation and management of Optical Character Recognition (OCR).

Technical Projects

Personal Website(Cloud Resume Challenge) Check me out!
- Deployed static website at a custom domain over HTTPS using S3, Cloudfront, Route53, and ACM **(11/2023)**
- Created back-end counter of page views using Lambda (Python), DynamoDB, API Gateway, Javascript, and REST API
- Utilized infrastructure-as-code to provision, configure, and modify back-end resources using Terraform
- Composed CI/CD pipeline to redeploy front-end and back-end website components using GitHub Actions with AWS

AWS Three-Tier Web Application Check me out!
- Deployed and hosted a highly available WordPress application using EBS, RDS, S3, EC2, VPC and ASG **(11/2023)**

AWS Event Driven Architecture Check me out!
- Built a serverless event driven application using AWS Lambda, EventBridge, Step Functions, and SNS. **(11/2023)**

Terraform Jenkins Automation Check me out!
- End-to-end implementation of DevOps project on automating AWS resource creation using Terraform and Jenkins. **(11/2023)**

Certifications

Amazon Web Services 11/2023-11/2026

- **AWS Certified Solutions Architect Associate** Credential URL
- **AWS Certified Cloud Practitioner** Credential URL

Skills

- ECS | Load Balancing | Lambda | Terraform | Aurora | RDS | Cloudfront | VPC | Elastic Beanstalk | Jenkins | CloudFormation | S3
- C++ | C | Python | JavaScript | .NET | Java | HTML | CSS | Angular | Agile | Git | Linux | Jira
- Amazon Web Services | Cloud Computing | CI/CD | Unit Testing | Game Development | Data Structures

Education

Bachelor of Science **California State University, Fullerton** *Fullerton, CA* **2022**

- Major in Computer Engineering