

Sean Hui

Cloud Engineer | Solutions Architect | Software Engineer

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Summary

A highly motivated Junior Cloud Engineer in transition from Software Development/IT Support, adept at crafting and deploying automated solutions in the cloud environment, and ready to meet the evolving demands of the current market. x2 AWS Certifications

Experience

SQL Database Developer

Jonel Engineering

Fullerton, CA

07/2023- 12/2023

- Accomplished in designing and executing advanced queries for large-scale databases using technologies like MySQL and AWS EC2, supporting daily operations for millions of users.
- Spearheaded the development of customized reports and applications using Crystal Reports, VB, and BI software, contributing significantly to the success of numerous companies with a remarkable 90% performance rate.
- Improved query efficiency through the integration of best practices and routine testing of client databases using Microsoft SQL Server Management Studio, MongoDB, and Amazon Web Service Virtual Servers.
- Continuous integration and deployment of code requests/reviews, pull requests, instance testing, and team collaboration.
- Demonstrated capability in exploring and assessing emerging cloud technologies, suggesting and integrating cost-effective solutions that enhance system performance by 20%.

Technical Support Engineer

Jonel Engineering

Fullerton, CA

04/2023- 07/2023

- Implemented the second leading industries' applications in client server-side and helped facilitate operations specific to over client requests..
- Designed cloud-based solutions for 20 clients a day to troubleshoot hardware and software issues, contributing to over 25% increase in production and a 10% increase in revenue.
- Developed and optimized our software application utilized by hundreds of companies and implementing Agile methods, from identifying software requirements and client dependencies to software implementations , testing, and configuring metrics, monitors, and dashboards.

Software 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.
- Maintained in Python an in-house software that utilizes Optical Character Recognition (OCR) and verifies efficiency of the software's operations and allows for huge client satisfaction for the "Big 4" and top CPA firms nationwide.

Technical Projects

Personal Website(Cloud Resume Challenge)

[Check me out!](#)

(11/2023)

- Deployed static website at a custom domain over HTTPS using S3, Cloudfront, Route53, and ACM
- Created back-end counter of page views using Lambda (Python), DynamoDB, API Gateway, Javascript, and Fetch API
- Utilized infrastructure-as-code to provision, configure, and modify back-end resources using Terraform
- Implemented 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!](#)

(11/2023)

- Deployed and hosted a highly available WordPress application using EBS, RDS, S3, EC2, VPC and ASG

AWS Event Driven Architecture

[Check me out!](#)

(11/2023)

- Built a serverless event driven application using AWS Lambda, EventBridge, Step Functions, and SNS.

Certifications

Amazon Web Services

11/2023-11/2026

- AWS Certified Solutions Architect Associate
- AWS Certified Cloud Practitioner

[Credential URL](#)

[Credential URL](#)

Skills

- ECS | ELB | GLUE | Lambda | Redshift | Aurora | RDS | Cloudfront | VPC | Elastic Beanstalk | Kinesis | CloudFormation
- C++ | C | Python | JavaScript | .NET | Java | HTML | CSS | Angular | Agile | Git | Linux
- 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