

Sean Hui

Cloud Engineer | Solutions Architect | Software Engineer

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Summary

Highly motivated Junior Cloud Engineer transitioning from Software Development/IT Support.. Enthusiastic about crafting and deploying automated solutions in the cloud environment. Proficient in diagnosing and resolving issues within cloud-based applications, resulting in a 30% reduction in system downtime and heightened customer satisfaction. x2 AWS Certified.

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

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)

AWS End-to-End Web Application

[Check me out!](#)

- Constructed a three-tier website hosted on AWS Amplify and links API Gateway, Lambda, and DynamoDB. (11/2023)

Certifications

Amazon Web Services

11/2023-11/2026

- AWS Certified Solutions Architect Associate
- AWS Certified Cloud Practitioner

[Credential URL](#)

[Credential URL](#)

Skills

- C++ | C | Python | JavaScript | .NET | Java | HTML | CSS | Node | MSSQL | NoSQL | Angular | Agile | Git | Verilog | VHDL | Linux | Bash
- Amazon Web Services | Cloud Computing | CI/CD | Unit Testing | Game Development | Data Structures
- ECS | ELB | GLUE | Lambda | Redshift | Aurora | RDS | Cloudfront | VPC | Elastic Beanstalk | Kinesis | CloudFormation

Education

Bachelor of Science

California State University, Fullerton

Fullerton, CA

2022

- Major in Computer Engineering