

# Sean Hui

## Cloud Engineer | Solutions Architect | Software Engineer

[in LinkedIn](#) | [626-347-0800](tel:626-347-0800) | [resume.seanhproperties.net](https://resume.seanhproperties.net) | [Seanhui83@gmail.com](mailto:Seanhui83@gmail.com) | [GitHub](#)

### 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

- 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