

Sean Hui

Cloud Engineer | Support Engineer | DevOps Engineer

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Summary

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

Professional Experience

Software Engineer Intern

Industry Software

Arcadia, CA

01/2024-Present

- Accomplished full-stack web application features for enterprise level systems through use-case-driven design, leveraging Python(Django), JavaScript, HTML, CSS, and optimizing project management with Atlassian tools.
- Collaborated within an agile software development team, contributing to the resolution of intricate technical challenges and pioneering modular solutions for hundreds of industries.
- Engaged with numerous clients in a 24x7 service to address niche issues, demonstrating strong verbal communication and adept navigation of rapidly changing landscapes.
- Implemented and managed version control with Git and Atlassian tools, orchestrating CI/CD pipelines to streamline SDLC with precision.
- Efficiently applied UX/UI design principles to elevate the overall user experience and actively contribute to innovation and creativity.

Support Engineer

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.
- 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.
- Spearheaded migrating and transforming legacy customer solutions to the cloud and facilitating operations to numerous client requests.
- 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, AWS systems; providing reliable, scalable, and cost efficient solutions.
- Promoted in four months due to strong performance, organizational impact, and exceptional team leadership.

Electronics Engineer

Jonel Engineering

Fullerton, CA

04/2023- 07/2023

- Managed continuous integration and continuous deployment pipelines to automate the software delivery process; improved by over 50%.
- Harnessed scripts and automation tools to streamline repetitive tasks, enhancing development and deployment lifecycle for the department.
- Innovated and optimized our software application utilized by hundreds of companies and proposed Agile methods, provided troubleshooting

Technical Projects

Personal Website(Cloud Resume Challenge)

[Check me out!](#)

(12/2023)

- 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 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!](#)

(11/2022)

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

AWS Event Driven Architecture

[Check me out!](#)

(11/2021)

- 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

[Credential URL](#)

Skills

- **AWS:** ECS | Load Balancing | Lambda | Terraform | RDS | Cloudfront | VPC | Elastic Beanstalk | Jenkins | CloudFormation | S3
- **Programming:** C++ | C | Python | JavaScript | Java | HTML/CSS | Agile | GitLab | Linux/Windows | Jira | SDLC
- **Technical:** Amazon Web Services | Cloud Computing | OSI Model | Shell Scripting | Proficiency in Japanese and Thai

Education

Bachelor of Science

California State University, Fullerton

Fullerton, CA

2022

- Major in Computer Engineering