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

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 Networks such as TCP/IP, DNS, routing, switching, firewalls, LAN/WAN, and cURL.

Data Entry Clerk   **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   **(12/2023)**
- 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

End-to-End DevOps CI/CD Project - Terraform on AWS, Jenkins, Maven, Ansible, Kubernetes   [Check me out!](#)
- End-to-end implementation of DevOps project on automating AWS resource creation using Terraform and Jenkins. **(11/2023)**

AWS Three-Tier Web Application   [Check me out!](#)
- Deployed and hosted a highly available WordPress application using EBS, RDS, S3, EC2, VPC and ASG   **(11/2022)**

AWS Event Driven Architecture   [Check me out!](#)
- Built a serverless event driven application using AWS Lambda, EventBridge, Step Functions, and SNS.   **(11/2021)**

Certifications

Amazon Web Services   11/2023-11/2026

- **AWS Certified Solutions Architect Associate**   [Credential URL](#)
- **AWS Certified Cloud Practitioner**   [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