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CLOUD PROFESSIONAL EXPERIENCE

Amazon Web Services (AWS)

Cloud Ambassador Dev Team - Developer / Product Manger / Mentor

• 2024/4 ~ now

- Conducted an [RDS workshop](#) for a college Data Science Club, attracting **60+** attendees and achieving a **4.71/5 CSAT**.
- Led a team to build a **serverless, microservices email delivery system**, reducing workload by **80%** and costing **average \$1.94** per month.
- [Integrated fine-tuning and deployment into SageMaker Pipelines, and deploying with Lambda Web Adapter for streaming response.](#)
- Conducted a SageMaker workshop at [AWS Community Day](#), attracting **60+** attendees and achieving a **4.9/5 CSAT**.
- Implemented IaC with **Terraform** and **containerization**, reducing RTO through **multi-account** deployments.
- Developed API for an [AWS AI psychology test platform](#) attracting over **7,500+** test completions. Ensuring security with **CloudFront, WAF**, and **Lambda/DynamoDB** rate-limiting.

Cloud Ambassador Team Lead

• 2024/1 ~ 2024/10

- Led a 7-member team through project management using **Jira**, establishing a highly transparent team culture.
- Established a two-month AWS certification preparation program and attracted over **1,000** registrations and built community with **1k+** MAU.
- Provided technical advisory by **answering technical questions** from members of community.
- Delivered **VPC network concepts, Edge networking technology** to **400+** participants as technical instructor and received **CSAT of 4.95/5**.

Cloud Ambassador - Technical Support

• 2023/7 ~ 2024/1

- Led **3 technical workshops** covering **Serverless, AI, and Deployment**, attracting **340+** registrations, avg. **4.73/5 CSAT**.
- Provided **technical consultation** helping team design workshops, driving **600+** AWS Educate registrations.

WORK EXPERIENCE

eCloudValley

Cloud Engineer Intern

• 2024/3 ~ 2024/5

- Built a fully serverless chatbot application for internal account teams to record and summarize conversations in the backend, leveraging cloud-based AI and **LangChain**, and implemented IaC tools to eliminate human operation errors, reducing TAM workload by **2 hours per day**.
- Enhanced **troubleshooting** skills by solving real-world customer cases, including **serverless** and **networking** issues.

eGroupAI

Backend Engineer

• (Intern: 2022/3 ~ 2022/8) 2022/3 ~ 2024/5

- **Led the QC Team** in initiating an E2E testing project, established development standards, and designed project architecture.
- Developed and automated E2E tests with **Selenium** and **Pytest**, running on **ECS** via **BrowserStack**. Integrated the tests into **Jenkins** CI/CD pipeline, improving test coverage by **85%** and reducing testing time by **30%**.
- **Migrated** an **IoT** facial recognition system from **Raspberry Pi to AWS**, improving scalability and reduced downtime by **87.5%**.
- Developed API integration tests with **Postman** and built RESTful APIs using **Spring Boot**, integrated with **MSSQL, MySQL**, and **DynamoDB**.
- Enhanced AWS cloud architecture by isolating critical resources using **VPC** and implementing **containerization** technologies.
- Reduced AWS operational costs by **25%** by eliminating unnecessary resources, [optimize off-peak compute usages](#), and by leveraging cost-effective serverless solutions.

OTHER EXPERIENCE

Pago [Video](#)

Founder, Team Leader, Product Manager, Backend Development

• 2022/9 ~ 2024/6

- Secured over **NT\$93,000** in funding through **2 government grant programs** and **4 competitions**.
- Defined product specifications, planned system features, product requirements, **technical documentation** and **architecture diagrams**.
- Led a 5-member team, managing organization and collaboration using **GitHub Project** and **Dropbox Paper**, and centralizing notifications in **Slack** to ensure efficient **communication** and teamwork.
- Adopted **Agile (Scrum) methodology**, writing **User Stories** and conducting bi-weekly Sprints to adapt to evolving **customer** requirements.
- Built RESTful APIs using **Spring Boot**, **AWS Lambda/API Gateway/SNS/SES** integrated with **MySQL**, and **DynamoDB**.

SIDE PROJECTS

Gogoro - Smart Scooter Chatbot #Serverless #LangChain #OpenSearch #RAG

• 2024/4 ~ 2024/5

Using LangChain and Retrieval-Augmented Generation (RAG), we developed a chatbot that retrieves information from Gogoro's owner manual. This allows Gogoro scooter owners to ask the chatbot questions and get solutions to driving-related issues.

AWARDS

- [1st Place - 40th FJU Information Management System Presentation](#)
- [3rd Place - 2023 Operations Research Society of Taiwan College Project Competition \(Decision Support and Information Systems Applications Category\)](#)
- [A-grade \(Top 20%\) - 2023 National Science and Technology Council College Student Research Program](#)
- [Finalist - 28th International ICT Innovative Services Awards \(InnoServe Awards\)](#)
- [Merit Award \(4th Place\) - 21st Y.S. Award Digital Application Category](#)
- [Honorable Mention - 54th Northern Region Skills Competition in Cloud Computing](#)

CERTIFICATIONS

- **AWS Certified Advanced Networking - Specialty (ANS-C01)** • **AWS Certified Solutions Architect - Professional (SAP - C02)**