

WILLIAM HUNG

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WORKING EXPERIENCE

Appier

Sr. Software Engineer

Oct 2025 - Present

Backend Engineer

Trend Micro

Sr. Software Engineer

Jan 2024 - Oct 2025

Cloud Architect, Backend, DevOps, Customer Support

- Led a team of 3 engineers in refactoring a multi-language codebase (JavaScript, Python, Go), achieving 95% test coverage and implementing Abstract/Factory/Composite patterns, reducing development cycle time by 50% and enabling 2x faster feature delivery.

[Programming Languages] Golang, JavaScript, Python, Shell Script

- Adapted event-driven File Storage Security solutions across AWS, Azure, and GCP within 1 month, supporting 6 engineering team members and enabling on-time product rollouts for business level enterprise clients.

[Skills] Azure, AWS, GCP, Terraform, Serverless, Jenkins, Docker, Python, JavaScript, Shell

- Built a cross-region S3 monitoring service in 2 months using AWS EventBridge, consolidating per-bucket deployments into a single serverless stack, improving scalability and reducing operational overhead by 40%.

[AWS Skills] API GW, IAM, Event Bridge, Lambda layer/alias, Step Functions, SQS, SNS, Golang, JavaScript

- Architected and implemented advanced S3 file management features from scratch, enabling automated transfer of scan results (e.g., malware, failed scans, clean file) across buckets based on purpose, and designed protection for S3 ransomware behaviors, attaching policies to deny unauthorized role permissions, enhancing security and operational efficiency.

[AWS Skills] CloudFormation, S3 Event Notification, Lambda layer/alias, Step Functions, IAM, Golang, Python

- Overcame AWS CloudFormation 500-resource limit by implementing serverless compose and Terraform, cutting deployment time by 66% (from 60 to 20 minutes) and reducing infrastructure costs by 15%.

[AWS Skills] Serverless, Terraform, GitHub Actions, Shell Script, CloudWatch, OpsGenie

- Improved customer service UX by developing automated scripts and compliance-focused guidelines, securing 2 contracts worth \$1.5M–\$2M and achieving positive client satisfaction rate across high level priority client.

[Azure Skills] Blob Storage, Functions, Event Grid, Service Bus, Storage Queues, Resource Manager, VNet, Shell

- Developed a RAG-based chatbot using LangFlow and AWS Bedrock, reducing customer issue resolution time and enabling 10+ engineers to debug faster across 3 monthly tickets.

[Tools] GenAI, AWS Bedrock, LangFlow, AWS CloudFront, AWS CloudFormation, AWS ECS

Trend Micro

Software Engineer

Sep 2022 - Dec 2023

Backend

- Swiftly mastered FastAPI and industry-standard containerization to design and deliver secure RESTful APIs for automation workflows, integrating scope-based authentication and authorization for internal service calls, adapting to team codebase conventions within weeks.

[Skills] Docker, K8S, EKS, ECR, CodeBuild, Shell Script, Python

CERTIFICATION

[Cloud Computing] Certification

Jan 2023

- **AWS certification:** [SAA-C03](#)
- **Azure certification:** [AZ-900](#) [DP-900](#) [AI-900](#)

EDUCATION

National Central University

GPA 4.3/4.3

M.S in Communication Engineer

Aug 2020 - Aug 2022

- [Member of Phi Tau Phi Scholastic Honor Society](#)
- Outstanding Student Scholarship award