JHE-LI(Dave) LIN

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PROFESSIONAL SUMMARY

Backend Engineer with 4 years of experience delivering robust, scalable solutions across both cloud and client environments. Proficient with major cloud platforms(AWS, Azure, GCP) and experienced in deploying applications across 30+ operating systems, from Windows to Unix.

Skills: C++, Lua, Go, Python, AWS, GCP, Azure, Git, Github

EXPERIENCE

Trend Micro | Software Engineer | Taipei, Taiwan | November 2022 – Present

- **Product: Deep security Agent (Client-Side Cybersecurity)**
  Tech Stack: C++, Go, Lua
  - **Architected a reusable agent messaging layer**, eliminating duplicate integration work across 7+ plugins and reducing future integration effort from weeks to minutes
  - **In response to the 2024 CrowdStrike outage, launched a ring-based deployment feature to prevent similar failures.** This safer rollout process increased adoption 25x (80 to 2,000+ users) in one month
  - **Reduced customer onboarding costs** by independently designing and implementing key migration features, impacting 0.7 million agents in the initial stage
- **Product: Cloud Account Management (Identity and Access Management)**
  Tech Stack: Go
  - Integrated credentials across multiple services to unify customer management, achieving over 5.4M invocations with fewer than 5 errors per month per region across 27 regions.
- **Product: File Storage Security (Cloud Data Protection)**
  Tech Stack: C++, Python
  - Developed a cloud-based feature for scanning encrypted PDF files for AWS, Azure, and GCP
- Resolved 20+ high-priority product concerns for major clients in banking, security, energy, and government across global regions by providing expert solutions, delivering detailed guidance through documentation, and implementing new features based on client feedback.

AzureWave Technologies | Software Engineer | Taipei, Taiwan | February 2020 – August 2020

- Optimized testing software architecture, **reducing memory usage by 50%** and enhancing maintainability. Implemented multi-threading to i**mprove test speed by 200%**, leading to adoption in two large-scale projects post-departure.

EDUCATION

National Taipei University of Technology | September 2020 – August 2022
M.S. in Computer Science
National Ilan University | September 2016 – January 2020
B.S. in Computer Science

ADDITIONAL INFORMATION

Language: English(Professional working proficiency), Mandarin(Native), Taiwanese(Native)