David Kim

Senior Security Engineer

david.kim@mail.com   +82-10-9876-5432   Seoul, South Korea

LinkedIn   GitHub   LeetCode   Portfolio

PROFESSIONAL SUMMARY

Security engineer with 4 years of experience in application security and penetration testing. Found 20+ vulnerabilities in Fortune 500 companies. CISSP and OSCP certified.

TECHNICAL SKILLS

Languages: Python, Go, Rust, C

Frameworks: Flask, Django, Gin

Databases: PostgreSQL, Elasticsearch

Cloud: AWS, Azure, GCP

Tools: Burp Suite, Metasploit, Wireshark, Terraform, Kubernetes

PROFESSIONAL EXPERIENCE

Security Engineer   2022-03 - present

Samsung SDS

Leading application security team. Implemented zero-trust architecture reducing attack surface by 70%.

Technologies: Python, Go, Rust, Kubernetes, AWS, Terraform

Security Analyst   2020-07 - 2022-02

LG CNS

Performed penetration testing and vulnerability assessments. Found 25+ critical vulnerabilities in enterprise systems.

Technologies: Python, C, Elasticsearch, Splunk, Docker

PROJECTS

VulnScanner (open-source)   2023-02 - 2023-08 · 7 months · GitHub

Automated vulnerability scanner for container images. Integrates with CI/CD pipelines.

Technologies: Go, Python, Docker, PostgreSQL

SecureAuth (open-source)   2022-06 - 2022-10 · 5 months · GitHub

Passwordless authentication library implementing WebAuthn/FIDO2 standards.

Technologies: Rust, WebAuthn, FIDO2

EDUCATION

Masters in Cybersecurity

KAIST, 2020 | GPA: 3.85

CERTIFICATIONS

CISSP   AWS Security Specialty

CEH   OSCP