

Hieu Luong

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Skills

- Cybersecurity & Governance - Cybersecurity Architecture · Security Governance · SOC/SIEM · Incident Response · Threat Intelligence · Risk Management · Compliance (ISO 27001, National Cybersecurity Regulations)
- Infrastructure & Systems - Network Security · IT Infrastructure Architecture (Compute, Storage, DR) · Virtualization · Disaster Recovery & Business Continuity · High Availability
- Cloud & DevSecOps - Cloud Security (AWS · Azure · GCP) · DevSecOps · CI/CD (Jenkins, GitLab CI/CD) · Infrastructure as Code (Terraform, Ansible) · Containerization & Orchestration (Docker, Kubernetes, EKS)
- Solutioning & Advisory - Solution Architecture · Presales Consulting · Project Management · Technical Advisory · Stakeholder Engagement
- Programming & Tools · Shell Scripting · Git/GitHub/GitLab · Monitoring & Automation (CloudWatch, SIEM) · Operating Systems (Linux/Ubuntu, Windows)
- Blockchain - Enterprise Blockchain (Hyperledger Fabric, Besu/Quorum) · Smart Contract Security · BaaS Architecture · Decentralized Identity (DID) · Content Authenticity Verification

Experience

VNPT-IT

Hanoi, Vietnam

03/2022 - Current

Cybersecurity & Infrastructure Specialist

- Reviewed and assessed enterprise-scale IT infrastructure architectures, including network, compute, storage, virtualization, cloud/hybrid cloud, IDC, and HA/DR.
- Conducted information security and compliance audits for operating IT infrastructure platforms and units (Cloud, IDC, Security Operations Centers, Innovation Centers, etc.), focusing on architecture, operational controls, and existing security risks.
- Performed technical, cybersecurity, and operational risk due diligence for large-scale IT infrastructure investment projects, supporting executive review, approval, and decision-making.
- Strengthened enterprise cybersecurity governance and architecture practices in alignment with international frameworks and CISSP domains, including risk management, security architecture, compliance, and operational resilience.
- Acted as a digital transformation expert by redesigning IT infrastructure management functions using an architecture–process–data–driven approach, replacing manual and document-based operations.
- Designed end-to-end business architecture and data models for infrastructure planning, capacity management, resource provisioning, and operational feedback mechanisms.
- Defined and standardized system-executable business logic, including BPMN workflows, state machines, business rules, input/output data definitions, and control principles.
- Led and coordinated enterprise-level blockchain R&D programs; designed a Blockchain-as-a-Service (BaaS) platform aligned with a Digital Trust Infrastructure vision.
- Evaluated and architected blockchain L1/L2 platforms and solutions for data integrity, decentralized identity, document verification, and cross-organization trust.

Security Solutions Consultant & Project Manager

GTEL Group

Hanoi, Vietnam

11/2019 - 03/2022

- Advised 50+ enterprise clients, translating business needs into secure, scalable IT solutions that improved efficiency and resilience.
- Designed and deployed infrastructure & cybersecurity solutions: Firewall, IPS/IDS, Endpoint Security, DDoS Mitigation, CA, SIEM, ATP, Threat Intelligence.
- Led end-to-end project lifecycles, from inception to operation, delivering seamless execution and long-term system reliability.
- Evaluated emerging technologies for data recovery, extraction, and advanced threat detection to expand solution portfolios.

Senior Security Engineer

Plantynet

Hanoi, Vietnam

- Built and secured AWS infrastructure (VPC, IAM, Security Groups, Auto Scaling) to meet enterprise compliance requirements.
- Implemented secure CI/CD pipelines with Jenkins, Docker, Kubernetes, and Ansible, embedding security into automated deployments.
- Integrated monitoring and security tooling (CloudWatch, SIEM) to improve visibility and incident response for cloud workloads.
- Promoted DevSecOps practices, reducing deployment risks and enhancing overall system resilience.

Senior Security Engineer

Nextop Asia

Remote, Japan

05/2014 - 11/2017

- Implemented and managed enterprise security platforms (Firewall, IPS/IDS, WAF, DLP, SIEM, Vulnerability Management).
- Conducted enterprise-wide risk assessments, prioritizing remediation of critical gaps.
- Investigated and responded to security incidents, improving detection accuracy and reducing false positives.
- Developed security automation scripts, streamlining incident analysis and reporting.

System & Security Engineer

DHA

Hanoi, Vietnam

09/2012 - 05/2015

- Administered IT systems (endpoints, telecom, antivirus) across enterprise environments.
- Implemented security monitoring with SIEM & EDR to detect and respond to threats.
- Developed and enforced security policies, promoting awareness and compliance across the organization.

Education

Bachelor of Science, Information Security

Academy of Cryptography Techniques

Hanoi, Vietnam

09/2007 - 06/2012

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Projects

- Build an **AWS Connect Call Center**.
- Build a **Serverless Web Application** with AWS Lambda, Amazon API Gateway, AWS Amplify, Amazon DynamoDB, and Amazon Cognito.
- Deployed and hosted a highly available **WordPress application** using Amazon EC2, RDS, Route 53, and VPC.
- Cloud Native Resource Monitoring Python App on K8s.
- Created data visualizations using Amazon S3 and Amazon Quicksight, working with a large dataset of best-selling Amazon products.
- Built a Fortune Teller application using AWS Lambda and API Gateway that responds to user questions.

Certifications

- **AWS:** AWS Certified Solutions Architect Professional, AWS Certified Developer Associate
- **Azure:** Azure Solutions Architect Expert, Azure AI Engineer Associate, Azure Data Scientist Associate
- **GCP:** Google Cloud Certified Professional Cloud Architect, Google Professional Cloud DevOps Engineer
- **IBM:** IBM Data Science Professional Certificate, IBM Data Engineering Professional Certificate
- **CISSP (Certified Information Systems Security Professional)** (*in progress / planned*), aligned with enterprise cybersecurity governance, security architecture, risk management, and compliance.

Interpersonal Skills

- **Customer-focused**
- **Effective Communicator**
- **Highly Adaptable**
- **Cross-functional Collaboration**
- **Problem Solving & Critical Thinking**