



NGUYEN HUYNH TIEN (HIRDO)

Software Engineer | Security Champion

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Summary

Highly skilled Software Engineer with 3+ years of experience in enterprise insurance software development and 1 year's experience as a Security Champion. Demonstrated success in building robust enterprise software from client requirements while acting as a Security SME to guide dev teams on risk mitigation and secure coding. Strongly specialized in full-stack web development (Spring Boot, Angular), cross-platform mobile engineering (Flutter), identity & access management via Keycloak, security standards enforcement, and CI/CD pipeline maintenance. Currently seeking a Senior Software Engineer role with focus on security integration in a dynamic environment.

Skills

Programming Languages

Java, TypeScript, PL/SQL, Python, PHP, Dart, HTML5/CSS3, SQL

Databases & Search

Oracle Database, PostgreSQL, Elasticsearch, Snowflake

Security & Governance

Identity & Access Management (Keycloak), Security Policy Enforcement, Secure Coding Training, OWASP Best Practices

Frameworks & Mobile

Spring Boot, Angular, Flutter, Oracle ADF

DevOps & Infrastructure

Docker, Jenkins, Ansible, Prometheus, Shell Scripting, Git/GitHub, Subversion

Tools & Analytics

Power BI, Postman, Atlassian Suite (Jira, Confluence, Bitbucket)

Professional Experience

10/2025 – Present	Security champion, Loyco / LEAP LLC - Established and enforced security guidelines across the engineering team to strengthen overall application security posture. - Initiated internal security campaigns and delivered interactive training sessions to elevate team awareness of secure coding standards and modern security practices. - Acted as the primary Security Subject Matter Expert(SME), advising team members on software, networking ,tool selection, and risk mitigation prior to implementation.	Ho Chi Minh City, Viet Nam
06/2023 – Present	Software Engineer, Loyco / LEAP LLC - Developed and maintained end-to-end web application features for enterprise Insurance solutions using Oracle ADF, Java (Spring Boot), Angular/TypeScript, and Oracle Database. <i>Some key features:</i> Manage insurance cases for user for HD, control users timesheets, organize resources for HR. - Engineered cross-platform mobile features for enterprise Insurance solutions using Flutter and Java (Spring Boot) backends. <i>Some key features:</i> Announce absences, send documents and push notifications for users. - Contributed to internal tools and analytics, including a Risk Management web portal (PHP) and BI reports (Power BI, Snowflake). <i>Some key features:</i> Define risk level and actions to control, testing and control BI reports. - Maintained and enhanced existing CI/CD pipelines (Jenkins, Docker) and system monitoring setups (Prometheus, Ansible) to ensure seamless and reliable release cycles. <i>Some key features:</i> Develop a new build and deploy pipeline to deploy projects. - Designed and integrated access management module like Keycloak <i>Some key features:</i> Integrated Keycloak into login flow of project apps including username/password, MFA, SSO. - Working with variety type of databases like relational databases (Oracle, PostgreSQL), and full-text search capabilities (Elasticsearch). <i>Some key features:</i> Write optimize SQL query, working with ES to search options faster. - Collaborated and communicated daily in English within an Agile/Scrum environment using Atlassian suite (Jira, Confluence, Bitbucket).	Ho Chi Minh City, Viet Nam

06/2022 – 05/2023	Part-time Software Engineer & Intern, Loyco / LEAP LLC Contributed to software development tasks on Loyco client projects while successfully completing software engineering training courses and university degree requirements.	Ho Chi Minh City, Viet Nam
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Projects

01/2026 – Present	UAC-AD: Log-based Anomaly Detection in Microservices, Graduated master degree's thesis - Researched and applied advanced ML/NLP techniques (BERT, LogLLM) for log parsing and trace analysis. - Extended UAC-AD architecture by integrating new trace modularity for improved detection accuracy.	
02/2023 – 05/2023	Online fashion accessories selling platform - ARshion, Graduated bachelor degree's thesis - Built cross-platform mobile user interfaces using Flutter. - Developed secure backend RESTful APIs using Java Spring Boot and connected with database services. - Tested and verified API endpoints using Postman	

Education

11/2023 – Present	Computer Science - Master's degree, <i>Ho Chi Minh University of Technology</i> Graduation Thesis Phase (Expected completion: April 2027)	Ho Chi Minh City, Viet Nam
08/2019 – 11/2023	Computer Software Engineering - Bachelor's degree, <i>Ho Chi Minh University of Technology</i> - Classification: Good GPA: 7.78 / 10 - Activities: Class Youth Union Secretary, Volunteer Campaigns, Academic Tutoring Club	Ho Chi Minh City, Viet Nam

Certificates

IELTS Certificate 6.5 score	TOEIC Certificate 785 score
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Languages

English IELTS 6.5	Viet Nam Native language
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