



# EY CHANNIM

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## SUMMARY

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Highly motivated IT Professional with a comprehensive foundation from ISTAD, progressing from Pre-University to Full-Stack Development and currently specializing in Web/API Penetration Testing. Committed to a "logic-first" approach, I am eager to share my technical knowledge and mentor junior students as an Assistant IT Instructor.

## TECHNICAL SKILLS

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- **Cybersecurity:** Web/API Pentesting, OWASP Top 10, Burp Suite, SQLMap, Nmap.
- **Full-Stack:** Java (Spring Boot), JavaScript/TypeScript (Next.js, React), PostgreSQL.
- **Foundational:** C++ Programming, Logic-First Problem Solving, Data Structures.
- **Tools:** Docker, Linux (Kali/Ubuntu), Git/GitHub, Figma (UI/UX).

## ACADEMIC PROJECTS

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### Employee Management System

- **C++ Console Application** Developed a high-performance console application using C++ featuring a custom QR-code check-in/out module for attendance tracking and secure CRUD operations to maintain data integrity and system reliability.

### iShop E-commerce

- **Full-Stack Electronic Marketplace** .Architected a responsive e-commerce platform using React and Tailwind CSS, featuring dynamic product filtering and robust shopping cart state management.

### StackQuiz Platform

- **Real-time Learning Management System** . Built a secure, real-time quiz engine utilizing Spring Boot for the backend and Next.js for the frontend.

## EDUCATION

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**IT Academy STEP Cambodia Institute** **Jan 2024 - Present**  
Associate Degree in Software Development

**Institute of Science and Technology Advanced Development (ISTAD)** **July 2024 - Present**

- **Current:** ITP | Web & API Penetration Testing
- **Completed:** Full Stack Web Development (Spring Boot & Next.js)
- **Completed:** Web Development Fundamental (React & Tailwind)
- **Completed:** Pre-University (C++ Programming & Logic)

## ADDITIONAL INFORMATION

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- **Languages:** Khmer (Native) , English (Intermediate)
- **Certifications:** Pre-University (C++ Programming), Foundation, Full Stack Web Development, IT Professional (Cybersecurity).