

CHHEA CHHOUY

FULL-STACK DEVELOPER

ABOUT ME

I'm Chhea CHHOUY, a passionate Full-Stack Developer who builds efficient, user-friendly web applications. I enjoy learning new technologies, developing real-world projects, and continuously improving my skills to create reliable and impactful software solutions.

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LANGUAGES

- Khmer: Mother Tongue
- English: Intermediate

SOFT SKILLS

- Respect
- Adaptability
- Critical thinking
- Problem solving
- Communication
- Time management
- Teamwork & Collaboration

INTERESTS | HOBBIES

- Volunteering
- Learning New Skills
- Building Personal Projects
- Mentoring & Knowledge Sharing
- Training & Supporting Classmates

EDUCATIONS

BELTEI International University | BIU
- Bachelor's Degree | Software Engineering

2026–Present | 3rd Year

Passerelles numériques Cambodia | PNC
- Associate Degree | Web Programming

2024–2026 | Graduated

Pouk General and Technical High School
- Baccalaureate (Bac II) | High School Diploma

2020–2023

EXPERIENCES

Full-Stack Developer — KD GLOBAL MANGEMENT

- Full-Stack Developer at KD GLOBAL MANAGEMENT, experienced in designing, developing, implementing, and maintaining scalable business applications and enterprise systems.
- Previously built and implemented systems including Custom CRM System, KD Academy System, and KD Vision System, with features such as workflow automation, reporting dashboards, user management, and role-based access control.
- Currently developing and integrating KD HR OS, KD Branch Management System, KD Commercial Engine, and KD Ecosystem, covering frontend development, backend APIs, database design, business workflows, system integration, security, and deployment.
- Also responsible for implementing centralized authentication and Single Sign-On (SSO) with Keycloak, connecting multiple KD systems through secure user, role, and permission management.
- Key Technologies: Next.js, React, TypeScript, Vue.js, Material UI, Vuetify, Node.js, Java Spring Boot, Laravel, PHP, PostgreSQL, MySQL, REST APIs, Keycloak, OAuth 2.0, Git, Linux, Nginx, AWS, and Cloudflare.

Full-Stack Developer Intern — The NGO Forum on Cambodia

- Developed and deployed a web-based Service Agreement Management System to automate consultant agreement workflows, reduce manual processes, and improve efficiency, compliance, and data security.
- Key Technologies: Python, Flask, Django, Bootstrap, CSS, jQuery, Chart.js, Git, GitHub, Jira, Figma, AWS EC2, and Ubuntu Linux.

HARD SKILLS

Frontend Development

- Next.js, React.js, Vue.js, JavaScript, Material UI, Bootstrap5, Tailwindcss

Backend Development

- JAVA Spring Boot, Node.js, Laravel, PHP, C#, Python (Flask), Object-Oriented Programming (TypeScript)

Database & Backend Services

- PostgreSQL, Oracle, MySQL, SQLite, Firebase

Programming & Data Skills

- Python (Algorithms), Data Analytics (Power BI), System Analysis & Design, E-Commerce

DEVELOPMENT TOOLS

- Git, GitHub, Vscode, IntelliJ IDEA, Asana, Jira, Postman, Cloudflare, AWS, Ubuntu, MobaXterm, Figma, Firebase, Netlify/Vercel, Hostinger, Namecheap, Godaddy, WordPress, Draw.io, Lucidchart.

REFERENCES

Mr. Rady Y

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Mr. Sokhom Hean

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SCHOOL PROJECTS

Restaurant Ordering Platform | July 14 – August 30, 2026

- Overview: Designed and developed a restaurant ordering and POS platform to manage orders, payments, inventory, and daily restaurant operations.
- Key Features: Order management, POS, inventory tracking, financial reporting, dashboard analytics, barcode support, and Telegram chatbot integration.

Leave Management System | July 14th - Auguest 30th , 2025

Virtual Company Two | Organization**: NGO Forum on Cambodia**

- Developed a Laravel-based List Management System to track staff attendance, leave, and permissions, improving real-time visibility and team coordination. Deployed on AWS EC2 (Ubuntu).

POS System | March 10th - April 30th , 2025

Virtual Company One

- Role: Scrum Master, coder
- Objective: Design and implement a full-featured POS system with inventory management, financial tracking, barcode scanning, and Telegram chatbot integration.
- Technologies: PHP (MVC), MySQL, HTML, CSS, SASS, Bootstrap, jQuery, Chart.js, Composer, Git, GitHub, Jira, AWS EC2, Ubuntu Linux

Task Management App | Jan 13th- Jan 25th, 2025

- Role: Team Lead
- Objective: Build a task management app enabling users to create, organize, and track tasks by status with calendar integration.
- Technologies: HTML, CSS, SASS, Bootstrap, JavaScript, Chart.js, Firebase, localStorage, Figma, GitHub

Web Scraping Automatoin | Nov 18th - Nov 28th, 2024

- Role: Team Lead
- Objective: Develop a web scraping tool with a user-friendly GUI to efficiently collect and organize website data for analysis.
- Technologies: Python, Requests, BeautifulSoup, Tkinter, JSON, Git, GitHub

Music Band Website | Oct 21rd - Nov 5th, 2024

- Role: Team Lead
- Objective: Develop a music band website to showcase band information, videos, and music for easy audience access.
- Technologies: HTML, CSS, SASS, Figma, GitHub

ADDITIONAL EXPERIENCES

Workshops & Training

- Completed workshops in Project Management, Data Analytics, Product Ownership, and UX/UI Design. Gained practical experience in Agile collaboration, Jira, Git/GitHub, and UI/UX design through hands-on projects and team-based learning.

Companies visits

- PLANEC CO., LTD.
- Manulife Global
- Cambodian Public Bank
- NeocomISP Limited (NTC)
- Amret Microfinance Institution