CHHEA CHHOUY

FULL-STACK DEVELOPER

ABOUT ME

I'm Chhea CHHOUY, a passionate Full-Stack Web Developer from Siem Reap, Cambodia, currently pursuing an Associate Degree in Web Programming at Passerelles Numériques Cambodia. I love building efficient and user-friendly web applications while continuously exploring new tools and technologies.

📞 +855 67 408 241

✉️ chhea.chhouy@student.passerellesnumeriques.org

📍 BP 511, Phum Tropeang Chhuk (Borey Sorla) Sangtak, Street 371, Phnom Penh

LANGUAGES

- Khmer: Mother Tongue
- English: Intermediate

SOFT SKILLS

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

EDUCATION

Passerelles Numériques Cambodia
- Associate Degree | Web Programming

Since 2024 - present

Pouk High School
- Bac ll

Since 2020 - 2023

INTERN PROJECTS

IT Intern (Full-Stack Developer) — The NGO Forum on Cambodia | Aug 5th 2025- Feb 5th , 2026

Duration: 6 months
- Supported full-stack development, UI design in Figma, and AWS server deployment for web applications.

Automation System Consultant & Employee/Intern Contracts

- Roles: Full-Stack Developer | Project & Task Manager | DevOps
- Objective: The automated system helps manage the Service Agreement between the NGO Forum on Cambodia and freelance consultants. It makes the process faster, simpler, and more organized, reduces manual work, ensures rules are followed, and keeps information clear and secure for both parties.
- Technologies Used: Python Flask, Django, Bootstrap, CSS, jQuery, Chart.js, Git, GitHub, Jira, Figma, Hosted the application on AWS EC2 using Ubuntu Linux, and configured it with a custom domain name.

SCHOOL PROJECTS

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

Virtual Company Two | Organization**: NGO Forum**
- Roles: Developer | Git Manager | Task Manager
- Repository: https://github.com/yonyen99/LMS
- Objective: To develop a List Management System that streamlines attendance, leave, and permission tracking, providing real-time staff status, department-wise insights, and clear summaries to enhance communication and support informed decision-making.
- Technologies Used: Laravel, Vite with Laravel, Bootstrap, CSS, jQuery, Chart.js, Lucidchart, Git, GitHub, Jira, AWS EC2, Ubuntu Linux for hosting application.

DevOps Hosting Experience

- Technologies: AWS EC2, Ubuntu Linux, VirtualBox, MobaXterm, WordPress, PHP, MySQL, Laravel, Python (Flask)
- Experienced in hosting and managing applications on AWS EC2 using Ubuntu Linux.
- Deployed multiple projects, including a PHP + MySQL POS system, custom WordPress websites, a Laravel-based leave management system, and a Python Flask automation system.
- Utilized MobaXterm for remote server administration and VirtualBox for local environment testing and development.
- Performed regular updates, backups, and performance optimizations to maintain stable and secure hosting environments.

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

Virtual Company One

- Role: Scrum Master, coder
- Repository: https://github.com/Chhea012/VC1_POS_System
- Objective: Design and implement a full-featured POS system with inventory management, financial tracking, barcode scanning, and Telegram chatbot integration.
- Technologies Used: PHP (MVC), MySQL, HTML, CSS, SASS, Bootstrap, jQuery, Chart.js, Lucidchart, Composer, Git, GitHub, Jira. Leveraged these technologies to design the database, build full-stack functionality, manage dependencies, track project tasks, and support team collaboration through version control and AWS EC2, Ubuntu Linux for hosting application.

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

JavaScript Project

- Role: Team Lead
- Repository:https://github.com/Chhea012/Task-Management-App-B12
- Objective: Build a task management app enabling users to create, organize, and track tasks by status with calendar integration.
- Technologies Used: Version control with GitHub, UI/UX design in Figma, front-end development using HTML, CSS, SASS, Bootstrap, Chart.js, and JavaScript. Data storage handled via Firebase for online access and localStorage for offline functionality.

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

Algorithm Project

- Role: Team Lead
- Repository: https://github.com/Chhea012/webdata-scraper-project
- Objective: Develop a web scraping tool with a user-friendly GUI to efficiently collect and organize website data for analysis.
- Technologies Used: Git and GitHub for version control, Python libraries including Requests and BeautifulSoup for web scraping, Tkinter for building the GUI, and JSON for data export and file organization.

REFERENCES

Mr. Rady Y

PNC WEP Coordinator

Phone: +855 12 251 803

Email:

rady.y@passerellesnumeriques.org

Mr. Sokhom Hean

PNC English & PL Coordinator

Phone: +855 12 298 253

Email:

sokhom.hean@passerellesnumeriques.org

Mr. Kin Doung
Team Project VC
Phone: +855 88 399 6258
Email:
kin.doung@studentpasserellesnumeriques.org

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

Web Design Project

- Role: Team Lead
- Repository: https://github.com/Chhea012/class_a_music_band
- Objective: Develop a music band website to showcase band information, videos, and music for easy audience access.
- Technologies Used: GitHub for version control, front-end development with HTML, CSS, and SASS, and Figma for UI/UX design.

Hosting WordPress | Jan 5th - Jan 11th, 2025

Software Deployment Project

- Technologies Used: AWS EC2, Ubuntu Linux, WordPress, VirtualBox, MocbaXterm
- Deployed a WordPress site on AWS EC2 for easy internet access and smooth performance.

ADDITIONAL EXPERIENCES

Product Owner Workshops | Jan 25, 2025

- Objective: Understand the Product Owner role and apply key skills in requirements gathering and Jira.

UX/UI Design Workshop | March 14, 2025

- Objective: Translate project requirements into visual concepts and apply design logic through hands-on mini project experience.

Data Analytics Workshop | March 19, 2025

- Objective: Learn to prepare and visualize data using Python and Power BI to transform raw data into actionable insights.

Project Management Workshop | Feb 8, 2025

- Objective: Understand key software team roles and collaboration using Agile methods and tools like Jira, Git, and GitHub.

Club Involvement, Workshops, and Events:

- Various Workshops
- Code-C Events and Workshops
- Photography Club at PNC School
- Attended sessions on Leadership and Personal Development at YRDP

Companies visits

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