



CHOENG

Full Stack Developer
Intern

RAYU

PROFILE

DATE OF BIRTH: MARCH 27, 2005

Ranked among the top 10 contributors in Cambodia based on commit activity. I am a fast learner and efficient worker who adapts quickly to diverse and every situations. I have a strong passion for research and problem-solving, transforming insights into practical solutions. I work effectively in team environments and demonstrate a positive, collaborative leadership attitude.

WORKING EXPERIENCES

Internship at Ministry of Education, Youth and Sport (MoEYS)

Full Stack Developer - Project Lead

May – Dec 2025

- Full Stack Developer of the Life Long Learning Project (LLL) website.
- Involvement as Web Developer of the EdTech Cambodia <https://edtechcambodia.org>
- Coordinate team to ensure project run smoothly.

VOLUNTEER EXPERIENCES

- The Front Desk Information provider at **Digital Government Forum** in Dec 2025.
- Trainer on C++ for next generation at **Next-Gen Engagement Program** in Oct 2025.
- In Charge Logistic at **Cambodia Higher Education Forum** in Feb 2025.
- Team Facilitator at **National Career & Productivity Fair** in Mar 2025.
- Performance at **National & Para-National Sports Event** in Mar 2025.
- Trainer on ICT at **Khoding-Hero** at Siemreap in Oct - Nov 2024.
- Lead volunteers for Sale at **My First Stock Program** in Mar 2024

PROJECT EXPERIENCES

DasTern Healthcare (Capstone & Startup)

Full Stack Developer - Project Lead

Oct 2025 – April 2026

- Turning Prescription into Reminder to taking the medicine on time.
- Tech Stack: Next.js, Flutter, PostgreSQL, Docker, Tesseract OCR, AI-LLM, [Source](#)

DerLg (Startup)

Full Stack Developer - Project Lead

May 2025 – Apr 2026

- Book the trip by just Describe your activities or mood
- Tech Stack: Next.js, MySQL, Docker, VPS, AI-MT5, [Source](#)

RayuOS - Self Inspire (Open to Contributor)

Full Stack Developer - Owning

Jan – Apr 2026

- Design your Commands prompt as you wish.
- Tech Stack: C, Shell scripting, Using Linux kernel, Debian Base, [Source](#)

Finwise - Volunteer Project (Competition)

Full Stack Developer - Project Lead

Mar – Apr 2025

- Boost Your Financial and goal more stable.
- Tech Stack: React.js, Node.js, MySQL, VPS, [Source](#)

HybridCoffee - School Project (Year 2)

Full Stack Developer - Project Lead

Jan – March 2025

- Online coffee ordering system
- Tech Stack: React.js, Node.js, MySQL, Digital Ocean, [Source](#)

Telegram MathBot AI (Open Source)

AI Bot Developer

Mar – Dec 2025

- AI-powered Telegram bot for solving math problems or function in pdf.
- Tech Stack: Python, DeepSeek API, MongoDB, [Source](#)

REFERENCE

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EDUCATION

Cambodia Academy of Digital Technology (CADT)

Bachelor of Computer Science

Software Engineering - Year 3

2024 -Present

Northwestern Polytechnical University, China

Algorithm & Computer Science Program

Nov 6 – Nov 21, 2025

The Capacity Specialist (USAID)

ALCPP Program (Soft Skill)

Nov 2024 – May 2025

HARD SKILLS

- C, C++, Javascript, Java, Python, Typescript, Go, HTML, CSS, Dart (7/10)
- Frontend: React, Next.js, Flutter (8/10)
- Backend: Node.js, Nest.js, FastAPI (7/10)
- DB: MySQL, Postgres, MongoDB(8/10)
- DevOps: Digital Ocean, IaaS, Docker (7/10)


SOFT SKILLS

- Problem-solving & Ideate
- Effective Communication
- Proactive & Teamwork-lead
- Using AI & Researcher


LANGUAGES


- Khmer - Native
- English - Good
- Chinese - Beginner

CHOENG RAYU

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COVER LETTER

22th April, 2026

Dear Hiring Team,

I am writing to express my strong interest in the **Full Stack Developer Intern** role. I am currently a Year 3 **Software Engineering** student at the **Cambodia Academy of Digital Technology (CADT)**, with a strong interest in building real-world systems that operate in production, development and deliver measurable impact.

I am currently ranked among the **top 10 contributors in Cambodia** based on commit activity, reflecting my consistency, curiosity, and commitment to continuous improvement. I have hands-on experience deploying applications to **VPS** and cloud environments, and I am familiar with **Docker** for containerization. I use **Linux (Fedora OS)** as my primary operating system, which has strengthened my ability to work closely with system-level processes and development workflows.

One project I'm particularly proud of is **DasTern**, a full-stack mobile application built with Flutter and powered by a NestJS microservices architecture. It includes OCR scanning to extract text from prescriptions, AI-powered enhancement to improve readability and usability, and an integrated local payment system for premium features.

The system is designed with a strong focus on scalability, security, and maintainability, using separate services for authentication, processing, and payments to ensure flexibility and performance. I also handled deployment on a VPS using Docker and NGINX, ensuring a stable and production-ready environment.

Through my projects, including full-stack platforms and automation systems, I have worked with APIs, backend services, and real deployments. I am particularly drawn to this role because it involves working on live systems debugging real integration issues, improving reliability, and learning directly from production challenges. I enjoy digging into problems, understanding root causes, and continuously improving systems rather than just building features in isolation.

Thank you for your time and consideration. I would welcome the opportunity to further discuss how I can contribute and continue for the next step.

Sincerely,

Choeng Rayu

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