

SUMMARY

An intermediate to highly skilled software engineer with experience in Frontend, Backend, Mobile Application development and UX/UI. Passionate about innovation, AI, problem-solving, digital wallet banking and continuous learning to deliver high quality software solutions.

WORK EXPERIENCE

Mobile Application Developer & Full Stack developer

August 2025 - Present**Location :** Indochina Bank

- Developed and maintained mobile and web applications, focusing on mobile development, web platforms, and UX/UI design.
- Enhanced the user experience (UX) and user interface (UI) for the IB Cool Application (50,000+ users download on android).
- Developed a new Online Account Opening feature to open bank account online.
- Developed web portal to check and approve eKYC for new customers open bank account.
- Integrated AI for OCR scanning and face detection, liveness to complete eKYC.
- Built the web portal for DinarPay, a digital banking and loan platform.

Software Engineer / System Analyst

October 2023 – September 2025**Location :** Lao Mobile Money (Lao Telecom)

- Built and maintained mobile and web applications, translating business requirements into live projects.
- Integrated secure payment solutions, including LaoQR, LAPNet, and international credit cards (Visa/Mastercard) via the JDB Bank gateway.
- Developed and managed the MMoney X (100,000+ users download on android) and MMerchant X e-wallet applications using Flutter.
- Managed the full release process for mobile applications (Android and iOS) to the Google Play Store, Apple App Store, and Huawei App Gallery.
- Designed and maintained robust backend systems using Node.js and Python, featuring real-time transaction tracking.
- Built and optimized modern web applications using React and Nuxt.js for maximum speed and scalability.
- Collaborated with major financial partners, including JDB Bank, KBank, and BCEL (BCELOne), to expand payment networks.
- Developed a custom payment gateway allowing external partners to integrate and process payments via LaoQR and local banking networks.
- Built promotions in MMoneyX application. For example promotion buy internet packages, redeem coupons and concert tickets
- Built an in-app AI ChatBot (MonyChat) using RESTful APIs with streamlined data streaming for real-time user communication.
- Integrated e-wallet systems between M-MONEYX and Telecom systems.
- Mentored intern developers in web and mobile technologies, including React.js, Flutter and Node.js

Website developer

2022 – 2023

Location : MidTech Company (Intern)

- Developed web applications using React.js and Redux
- Collaborated with backend teams for API integration and performance enhancements

Volunteer Graphic Designer / UX-UI

2022 – 2023

Location : Faculty Of Natural Science

- Created visual assets, branding materials, and UI/UX designs for digital platforms
- Designed marketing materials and enhanced user experience through graphics.

EDUCATION

Master in Information and Computer Sciences | University of Luxembourg (Luxembourg)

- October 2026 – Present
- Scholarship : Guillaume Dupaix International Scholarship Recipient

Bachelor of Computer Programing Development - National University Of Laos (Laos)

- Graduated : September 2025
- GPA : 3.5/4.0
- Specialization : Computer Programming & Development

TECHNICAL SKILLS

- **Programming & Frameworks :**
 - Languages : Dart, TypeScript, JavaScript, Python, Java, C#, C, SQL, HTML/CSS, EJS.
 - Frontend : Flutter (3+ years), React.js, Next.js, Vue.js, Nuxt.js, Tailwind CSS, Bootstrap 5
 - Backend : Node.js / Express.js (2+ years), Java Spring Boot.
 - DevOps & Tools : Docker (1 year), CI/CD, Git (GitHub, GitLab, GitFlow...).
- **Databases & Cloud Services :**
 - Cloud : Alibaba Cloud, Firebase, Cloudinary.
 - APIs : Google Maps API, MapBox API, RESTful API Design.
 - Server : Ubuntu Linux 24, Cloud Server Management.
- **Design & Security :**
 - Cybersecurity : Reverse Engineering (Flutter/Mobile), Advanced Traffic Interception, Network Analysis, RSA Cryptography.
 - Design : Figma, Adobe Photoshop.

LANGUAGES

- Lao: Native
- Thai: Professional Working Proficiency
- English: Upper Intermediate (B2 Level)
- French: Beginner (A1 Level)

PROJECTS

- **Mobile Application**

- MMoney X.
- MMerchant X.
- IB Cool.
- MyTPlus App.

- **Website**

- Web Heineken for partner (Customers redeem).
- Web Managment MMoneyX (Backgrounds, Icons, Promotions,etc...).
- Web Portal Manage Credit Card in MMoneyX
- Web Portal for customer open bank account online and eKYC.
- Web Portal DainarPay (Loan for Bank).

- **Backend and Server**

- API OCR from Google.
- API to connect with AI Model Liveness and Face comparisons.
- API to approve, reject and upload eKYC for Customer Open Bank Account Online.
- Integrated to connect with API LabNet, LaoQR Code (The most influential QR Code payment in Laos).
- Integrated international credit cards (Visa/Mastercard) API with JDB gateways.
- API for tracking real transaction in MMoneyX.
- API for partners to connect with (Payment gateway for small business to access LaoQR).
- Integrated API with AI Model (DeepSeek) to make ChatBot in Application.
- Integrated with telecom service API for buying mobile packages and IR Roaming.
- API for buying tickets, Cash-In, Cash-Out wallet, paying the bill (Electric, Water, Digital TV).