

NANTAWAN CHOMBOONMEE

Software Engineer

📞 098 3605204

✉️ nantawan.cbm.work@gmail.com

💻 <https://github.com/NantawanChom>

PROFESSIONAL SUMMARY

Full-Stack Software Developer with 5 years of experience in building and deploying scalable web applications from concept to production. Proficient across the stack, specializing in VueJS and Python. Proven track record in end-to-end project development, including database design, API development, and payment system integrations.

WORK EXPERIENCE

Software Engineer

Looloo Technology, Bangkok | September 2020 - Present

Web Application Development

- Managed the end-to-end development of multiple high-impact projects including JobPassCard (jobpasscard.com), Biooui (bioouionline.com), donation platforms, and auction websites, encompassing database design, backend API development, and frontend implementation
- Developed user-facing interfaces using Vue.js, Nuxt, and Django templates, ensuring pixel-perfect alignment with designer specifications and optimal user experience
- Implemented comprehensive unit testing and debugging processes to ensure system reliability and code quality across all projects

System Architecture & Integration

- Engineered encrypted chat functionality for government projects using Python (modified Synapse) and Matrix JS, driving its continuous integration and improvement for cross-project adoption
- Designed and developed a scalable chat server system using NestJS for seamless integration into multiple organizational projects
- Contributed to the development and troubleshooting of the organization's video streaming system utilizing Go and VideoJS, supporting cross-platform playback (web, Android, iOS)

Payment Systems & Automation

- Implemented and integrated payment system APIs with major banking partners including SCB, KBank, and 2C2P, enabling secure transaction processing

- Streamlined development workflows by automating repetitive tasks using RPA tools (Chrome extensions and Autolt), significantly increasing team efficiency

Collaboration & Code Quality

- Collaborated with cross-functional teams to design database schemas, architect backend APIs, and conduct thorough code reviews to maintain high code quality and system maintainability
- Created and integrated comprehensive frontend dashboards with backend systems for robust data visualization and management

System Administrator / Data Operations

- Audio Recording Infrastructure (Based on Common Voice)
 - Managed and configured audio recording servers deployed via Docker, leveraging a customized Common Voice framework for efficient data collection.
 - Streamlined quality control processes by systematically validating recorded audio to ensure technical compliance and high-fidelity data for technical teams.
 - Optimized system stability within the recording environment to support high-volume, seamless data acquisition and processing.
 - Maintained end-to-end data integrity by overseeing the transition of raw audio files into structured datasets ready for further development.
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FREELANCE PROJECTS

Backend Developer

DIP Music Dedupe Project (IP Thailand) | Freelance

- Developed and maintained the backend system using .NET, ensuring efficient data processing for the official copyright-song.ipthailand.go.th website
 - Implemented data deduplication algorithms to maintain data integrity and system performance
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TECHNICAL SKILLS

Backend: Python, Django, C# (.NET), Go, TypeScript, NestJS, SQL

Frontend: Vue.js, Nuxt, React, JavaScript, jQuery, HTML, CSS

Tools & DevOps: Git, Docker, Linux, RPA (Chrome extensions, Autolt)

Specialized: Payment Gateway Integration, Video Streaming Systems, Real-time Chat Systems, Database Design

EDUCATION

Bachelor of Computer Science

Silpakorn University | January 2016 - February 2020

Major: Computer Science

LANGUAGES

Thai: Native / Bilingual Proficiency

English: Intermediate (Strong reading comprehension for technical documentation)