Kawinphop "Green" Chomnikorn

Software Engineer

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Personal Summary

Software Engineer with hands-on experience in mobile application development. Currently leading the Botnoi Mobile Team for the "Botnoi Voice – Text to Speech" app, available on both the App Store and Google Play. With nearly 1 year of experience in developing web and mobile applications across multiple platforms, I hold a B.D. in Computer and Information Science from Khon Kaen University.

Skills

Programming Language: Golang, Dart, Python
Backend Frameworks: Fiber, Django, Express.js
Frontend Frameworks: Flutter, React, Angular
CSS Framework: Bootstrap, Material UI
Databases: Supabase, Firebase, SQLite, MySQL, MongoDB
Version Control: Git
Tools: Postman, VS Code, Xcode, TestFlight, Android Studio, Firebase App Distribution
App Stores: App Store Connect, Google Play Console
Testing: Unit tests, Real Device Testing
Authentication: Firebase Authentication
Payment Integration: RevenueCat (In-App Purchases)
Other: HTML, CSS, XML, JSON, AppScript, AppSheet, Jira, GitHub, Figma, Docker

Experiences

IBOTNOI COMPANY LIMITED   Bangkok, Thailand · Full-time · Remote
Mobile Application Developer   *June 2024 - Present*

App Store: *https://apps.apple.com/th/app/botnoi-voice-text-to-speech/id6670564712*

Google Play: *https://play.google.com/store/apps/details?id=com.mobile.botnoivoice*

App Name: Botnoi Voice – Text to Speech
Platforms: Android, iOS

0. General Implementation
- Built the app from UI designs to Flutter code
- Tested, published, and maintained app updates on Google Play and App Store

1. Authentication
- Implemented a secure sign-in and sign-out system
- Supported multiple sign-in options: Google, LINE, Email/Password, and Apple ID

2. Backend API Integration
- Integrated with APIs to generate voice from text and manage user profiles
- Handled secure authentication using JWT and credential tokens
- Integrated server-side webhook for in-app purchase validation
- Integrated APIs to provide daily free points and manage daily voice generation limits

3. Audio File Download to Local Storage

4. Sharing Audio Files to CapCut, Canva, Messenger, LINE, and More

5. In-App Purchases (IAP)
- Implemented in-app purchases on Android and iOS
- Configured via Google Play Console and App Store Connect

6. Multi-Language Support: English, Thai, and Indonesian

7. Automatic Language Detection: Set the app language based on device settings

8. Notifications: Push and In-App Notifications

9. Checking Internet: Wi-Fi and Mobile Data

10. User Account Management: Register and Delete Account with Password Confirmation

11. Responsive App Design: Mobile, Tablet, iPhone, iPad, and macOS

12. Global App Availability: Released in 175 countries via App Store and Google Play

Collaborated with CEO, UX/UI Designers, Backend Developers, QA Testers, and Admin/Finance Staff.

KHON KAEN UNIVERSITY

Teacher Assistant

Nong Khai, Thailand · Part-time · On-site

Nov 2023 - Apr 2024 (6 months)

Student Employment Project (Second Semester, 2023)
1. Helped students build a simple system with Flask (Python) and SQLite to track income and expenses, and learn basic database actions like create, read, update, and delete.
2. Guided students in creating chatbots using Botnoi Chatbot, LINE, Facebook Messenger, AppScript (as the backend), and Google Sheets (as the database). Supported 50 students in building real-world chatbots for food ordering, queue management, payments, and search functions.
3. Helped students understand how to use Microsoft Excel and Power BI to work with data. Covered data cleaning, pivot tables, charts, and interactive dashboards.
4. Helped plan the course, created learning materials, and gave one-on-one support to students when they had problems with coding.
5. Worked with teachers to make sure the lessons were useful in real life.

IBOTNOI COMPANY LIMITED

UX/UI Designer Internship

Bangkok, Thailand · Full-time · Remote

Apr 2023 - Jun 2023 (3 months)

https://www.canva.com/design/DAFoMeYjVS0/n7h69B_ANEygepb0vwtI0Q/view?

utm_content=DAFoMeYjVS0&utm_campaign=designshare&utm_medium=link2&utm_source=unique

links&utlId=h0606ad572f

1. Designed UI/UX for web, mobile, and chatbot applications, ensuring intuitive and responsive user experiences.
2. Developed Flutter & Dart mobile apps with dynamic profile screens, popup screens, image picker, and color picker features.
3. Implemented voice recording for LINE Chatbot, using LINE Flex Message for dynamic templates.
4. Built and deployed mobile chatbot solutions with AppScript (JavaScript/JSON), integrated with Google Drive for data storage.
5. Automated email functionalities using Python, streamlining in-app communications.
6. Created UX documentation: User Flows, Lo-fi Wireframes, and User Journey Mockups to visualize user interactions.

Projects

Dog-friendly Hotel Search Web Application Development (Django, Python)

https://github.com/Kawin101/Django_E-Commerce

https://www.canva.com/design/DAGBVAjIhO4/HgOONDhep9MqNfpQZRaStw/view?

utm_content=DAGBVAjIhO4&utm_campaign=designshare&utm_medium=link2&utm_source

=uniquelinks&utlId=h8f08c83569

Project Name: Dog-friendly Hotel Search Web Application Development
1. Developed a web application for searching dog-friendly hotels with advanced search and navigation features.
2. Implemented user authentication (registration, login/logout) with secure access and intuitive UI.
3. Built advanced hotel search by hotel name, address, location, postal code, and region-based filtering (North, South, Central, East, West).
4. Integrated Google Maps API for hotel navigation, including multi-stop routes, distance, and time calculations.
5. Created an admin panel (Django) for hotel management (name, location, images, social media links).
6. Designed a dashboard (Django Admin + jQuery) for data analysis on hotel search trends.
7. Implemented a hotel review system (text reviews, 1-5 star ratings) and a favorites system for quick navigation access.
8. Developed pagination for smooth browsing and enhanced user experience.
9. Integrated Google Maps API for accurate hotel locations and travel recommendations.

Tech Stack:
Frontend: HTML, CSS, JavaScript, jQuery
Backend: Django (Python)
Database: MySQL
API Integration: Google Maps API
Admin Panel: Django Administration
Version Control: Git
Server & Deployment: XAMPP, Apache

Personal Website (HTML, CSS, JavaScript, CI/CD, GitHub Actions)

https://kawin101.github.io

Desktop Application Development (Java)

https://github.com/Kawin101/Java_GUI_CRUD_CSV

Web Application Development (PHP)

- *https://github.com/Kawin101/Laravel-Project-Final*

- *https://github.com/Kawin101/web_test_kawin*

- *https://github.com/Kawin101/935304-Laravel_Lab-12-9-2022*

- *https://github.com/Kawin101/php-concert-tickets*

- *https://github.com/Kawin101/git-mylogin*

Web Application Development (JavaScript & TypeScript)

- *https://github.com/Kawin101/Angular-Shopping_Cart*

- *https://github.com/Kawin101/angular-mean-crud*

- *https://github.com/Kawin101/meanstack*

- *https://github.com/Kawin101/Angular-CRUD*

- *https://github.com/Kawin101/935304_WebApp*

Desktop Application Development (C#)

- *https://github.com/Kawin101/935307-CG_Lab02_2-2-2023*

- *https://github.com/Kawin101/935307-CG_Geometric*

Applied Mathematics (Scilab)

- *https://github.com/Kawin101/935302-Computational-Sciences*

- *https://github.com/Kawin101/Scilab-935201*

Mobile Application Development (Flutter & Dart)

- *https://github.com/Kawin101/flutter_firebase*

- *https://github.com/Kawin101/Domain-Firebase-Authen*

- *https://github.com/Kawin101/domain_Flutter2Firebase_CRUD*

- *https://github.com/Kawin101/Domain-Firebase-Authen-main*

- *https://github.com/Kawin101/domainkawin101_localdb*

IoT ESP8266's Project (C++, Arduino)

- *https://github.com/Kawin101/iot_esp8266*

Desktop Application Development (Python)

- *https://github.com/Kawin101/935306AI_Python_Apps_with_kNN*

- *https://github.com/Kawin101/Flask_and_Database*

Artificial Intelligence (Python on Jupyter Notebook)

- *https://github.com/Kawin101/935414_SPD2023*

- *https://github.com/Kawin101/935306_Intelligence_System_Project*

- *https://github.com/Kawin101/935306_Intelligence_System*

- *https://github.com/Kawin101/935442-ImageProcessing*

Education

KHON KAEN UNIVERSITY

Bachelor of Science (Computer and Information Science)   *April 2020 – April 2024 (4 years)*

Coursework:
- **Programming:** OOP, Data Structures, Algorithms, Web Development, Mobile Development, Software Engineering
- **Databases:** Database Management, SQL, NoSQL, Data Analytics, Information Retrieval
- **Networking & Systems:** Computer Networks, Operating Systems, System Architecture
- **AI & Machine Learning:** Artificial Intelligence, Machine Learning, Digital Image Processing, Computer Vision
- **Mathematics:** Discrete Mathematics, Numerical Methods, Probability and Statistics, Calculus
- **Problem Solving:** Critical Thinking, Problem Solving, Analytical Skills
- **UX/UI & Human Interaction:** Human-Computer Interaction, UX/UI Design
- **Professional Skills:** Ethics in IT, Project Management, Internship Experience