

# WATCHARAPOL PHONGWILAI

## Backend Developer

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📍 Bangkok/Thailand

🌐 <https://github.com/rushmi0>



## EXPERIENCE

### Websocket API

📅 2024

🔗 <https://github.com/rushmi0/Fenrir-s>

#### Personal Projects

- Implemented the Nostr Relay to create a censorship-resistant global social network, this software follows the Nostr protocol specifications.
- Assisted in database migration for individuals interested in using my Nostr Relay.
- Designed the system to be easily extensible for future improvement proposals, while adhering to clean code principles.

### RESTful API CRUD

📅 2023

🔗 <https://github.com/rushmi0/Jungmha>

#### University Projects

##### Backend Developer

- Designed a database, system, and developed a secure API.
- Research Cybersecurity and Cryptography to enhance API security.
- Presenting API Documentation (Swagger UI), Sequence Diagram, and API usage examples for front-end developer.
- Provide utility code (JavaScript Nodejs) to interact with the API for streamlined usage for front-end developer.

### Mobile app (Android Native)

📅 2023

🔗 <https://github.com/rushmi0/genesec>

#### Personal Projects

- Developed a mobile application using MVVM and Single Activity Architecture.

## TRAINING AND WORKSHOPS

Road To Cybersecurity 4

🌐 [s0secure.co.th](https://s0secure.co.th)

📅 2023

- Learn the basics of Network Security and Application Security.
- Development of secure applications with a focus on best coding practices to mitigate vulnerabilities.
- Learn to configure, manage, and secure Linux-based systems.

## TECHNICAL SKILLS

### Coding Skills

- Kotlin
- Python
- JavaScript
- Java
- C#
- HTML, CSS
- SQL (Postgresql, Sqlite)
- Bitcoin Scripting

### Backend Framework

- Micronaut
- Ktor

### Development Tools

- Git, GitHub
- Linux
- Docker
- Qodana, Sonarqube
- JetBrains IDE
- Figma

### Networking & Security

- Cloudflare Tunnel
- Cryptography Fundamentals
- Cybersecurity Fundamentals

## SOFT SKILLS

- Self Motivation
- Problem Solving
- Open Mindedness to feedback
- Team Communication
- Fast learner

## EDUCATION

Information Technology (IT)

**Thai-Nichi Institute of Technology**

📅 2020 - 2024

📍 1771/1 Phatthanakan Bangkok 10250

## HOBBIES

Development software about Bitcoin and Nostr (Social Network Protocol)