

WATCHARAPOL PHONGWILAI

Internship as 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.

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.
- Created a special feature for building Bitcoin smart contracts without writing **OP_CODE**, which is a low-level language used to control UTXO.

TECHNICAL SKILLS

Coding Skills

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

Backend Framework

- Micronaut
- Ktor

Development Tools

- Git, GitHub
- Linux/Unix (Fedora, NixOS, Ubuntu, PopOS)
- 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)