

# CHUO CHHUNGSIM

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Tropang Sokram Village, BekChan commune, Angsnoul District, Kandal Province



## EDUCATION

### Setec Institute

3<sup>rd</sup> Year Bachelor Degree in Management Information Systems

Khan Toul Kork, Phnom Penh

Jan. 2023 – Present

### Korea Software HRD Center

IT professionals Software training Center

Khan Toul Kork, Phnom Penh

Jan. 2025 – Dec. 2025

## EXPERIENCE

### Korea Software HRD CENTER TRAINEE

#### Basic Course

February 03<sup>rd</sup> – July 10<sup>th</sup>, 2025

- JAVA : J2SE (Basic Java and OOP concepts), J2EE (Maven and MVC pattern)
- WEB : HTML, CSS, JavaScript, CSS Flexbox, Tailwind CSS, JSON, Next.js,
- SPRING : Spring Boot, MyBatis Data Access, Spring RESTful Web Service, Spring Security, JSON Web Token
- Database : Data Modeling, PostgreSQL
- Additional Courses : Linux, Docker, Version Control (GitHub) and UI/UX.

#### Advance Course

July 28<sup>th</sup> – December 11<sup>th</sup>, 2025

- ANDROID : Android Application Development with Kotlin involves utilizing the Jetpack Compose UI Kit along with Material3 design concepts, Data storage, Server communication (RESTful client) with Retrofit2, MVVM architecture design, Dependency injection with Hilt, Firebase Authentication services (e.g., Facebook Login, Email Login, etc.), OneSignal push notifications

## PROJECTS

### StudyCircle | Next.js, Typescript, TailwindCSS, ShadCN

April. 2025 – June. 2025

#### WEB APP FOCUS ON SCHOOL MANAGEMENT

- Implemented secure authentication using NextAuth.js to validate user logins and manage JWT sessions.
- Engineered the application structure leveraging Next.js 15 App Router architecture, utilizing Server Actions for secure data mutation, and implementing Middleware with Route Groups for fine-grained authorization.
- Implemented TanStack React Query to manage server state, enabling stale-while-revalidate caching for up-to-date data and a highly responsive user interface

### RDA API | Java, Gradle, Spring boot, Spring Security, JWT, PostgreSQL, Docker

Sep. 2025 – Dec. 2025

#### API FOR MOBILE APP

- Developed a mobile app server for school checking attendance with location tracking
- Implemented robust security using Spring Security and JWT for stateless authentication, complemented by BCrypt for secure password hashing.
- Deployed the API using Docker with multi-stage builds and Docker Compose for streamlined, containerized CI/CD processes.

### RDA Mobile | Jetpack Compose, Compose Navigation, Retrofit, MVVM

Sep. 2025 – Dec. 2025

#### ANDROID MOBILE APP

- Developed a mobile attendance tracking application featuring location services and built with a scalable MVVM Clean Architecture pattern, utilizing Retrofit for efficient API communication.

## TECHNICAL SKILLS

**Languages:** Java, SQL (PostgreSQL), Typescript, Kotlin, Jetpack Compose

**Frameworks:** Next.js, Node.js, Spring Boot, Material-UI, TailwindCSS

**Tools :** Git, Github, Docker, VSCode, JetBrains IntelliJ

## Reference

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