

CAREER OBJECTIVE

As an intern/fresher back-end developer, proficient in task delegation and accurate task duration estimation. Committed to continuous learning and aspiring to become a senior backend developer within the next 4 years.

SKILLS

- Programming Languages: C#, Java, JavaScript
  - Frameworks/Platforms:NodeJS, ReactJS, Springboot, ASP.NET, ASP.NET Core
  - Database Management Systems:MySQL, MSSQL Server, Redis DB
  - Foreign Languages: B1
- Soft Skills: Communication, time management, critical thinking
  - Knowledge design pattern: MVC, MVVM, Repository, Dependency Injection
  - Others: Solid understanding of OOP

EXPERIENCE

**BACKEND DEVELOPER — My Project: Real Estase Blockchain**  
([https://github.com/RonaldodeLema/finalterm\\_real\\_estate\\_blockchain](https://github.com/RonaldodeLema/finalterm_real_estate_blockchain))

November 2023 - December 2023

Description:

- This website allows users to sell their real estate by tokenizing properties into tokens. When users purchase tokens, they receive profits when the property is rented out.

Technologies:

- Front-end Project: ReactJS
- Back-end project: NodeJS, RestfulAPI, MySQL, Hyperledger Fabric

Responsibilities:

Chaincode module:

- Designing a smart contract that integrates creation and update functionalities for models, along with events for matching buying/selling offers and monthly rental payment transactions within the blockchain network.

Application module(RESTful API):

- Setting up Hyperledger Fabric services to invoke smart contracts within the chaincode module.
- Designing APIs for models within the smart contract, facilitating Create, Read, Update, and Delete operations.

Admin module:

- Constructing an admin interface and invoking APIs to display information on the control panel.

**BACKEND DEVELOPER — My Project: Phone Shop** (<https://github.com/RonaldodeLema/PhoneShope>)  
September 2023 - October 2023

Description:

- A phone-selling website comprises two modules: admin and user sites. The user site encompasses standard e-commerce functions, while the admin site oversees all database models. Streamlining sales and management.

Technologies:

- Front-end Project: Razor web page
- Back-end Project: ASP.NET Core MVC, MVVM, MySQL, Redis DB

Responsibilities:

User site:

- Applying the MVVM (Model-View-ViewModel) pattern to separate logic and interface.
- Setting up the client site for Firebase Cloud Messaging(FCM) to obtain device tokens and store them. Configuring foreground and background notification reception from the admin site.
- Shopping cart module using Redis DB to retain products for both anonymous and logged-in customers.
- Developing an admin section with role-based permissions for effective management of roles and overseeing each module individually, ensuring secure and controlled access.
- Integrating a messenger plugin into the website, facilitating real-time communication and support for users.
- Designing multiple filters using AJAX and jQuery for the shop page to enhance the smoothness of the website.

**Admin site:**

- Applying the MVC (Model-View-Controller) pattern to separate logic and interface.
- The admin page includes CRUD operations for database models.
- Setting up the server site for the Firebase Cloud Messaging (FCM) service, empowering administrators to send notifications to clients.
- Admin section with role-based permissions for managing roles and overseeing each module individually.

**EDUCATION** .....

**COMPLETED COURSEWORK TOWARDS BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE**

**— Ton Duc Thang University**

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