# Le Nguyen Ngoc

#### **Backend Developer**

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#### RESUME OBJECTIVE

In the short term, I hope to apply the knowledge I have learned to real-world projects in a company. At the same time, I am looking for a professional working environment where I can learn from the company's team of experts

In the long term, my goal is to become an expert in Back-end development, specializing in designing and implementing software systems, with particular focus on high-load and high-availability systems.

### **EDUCATION**

School of Information and Communications Technology - Hanoi University of Science and

9/2022 - now

Technology

Bachelor of Computer Engineering (IT2)

CPA: 3.70 / 4.00

#### WORK EXPERIENCES

Falcon Game Studio 6/2024 - now

#### Game Server Developer

#### Job Description

- Develop and maintain online game server systems using Java
- Implement gameplay features on the server
- Optimize system performance and scalability
- Handle data, cache synchronization and networking issues
- Develop APIs and TCP/UDP-based protocols for communication with game clients

#### **Project Experience**

- 1945-AirForce Server (6/2024 now)
  - · Tech Stack: Java Core, Spring Core, Spring Data MongoDB, Redisson, Google GuavaCache, Netty SocketIO
- Good Sorting Server (8/2024 now)
  - · Tech Stack: Java Core, Spring Boot, Spring Data MongoDB, Redisson, CaffeineCache, Netty SocketIO

#### SKILLS

Programming Languages	Java, Golang, Python, C/C++, Javascript
Frameworks & Tools	Spring Core, Hibernate, Spring Data JPA, Spring Data MongoDB, Spring Security, Spring Cloud Netflix, FastAPI, ExpressJS, Gin, GoSQL,
Tools	Docker, Gitlab CI/CD
Database Management Systems	MySQL, PostgresSQL, MongoDB
Others	RESTful APIs, Socket, Linux

#### AWARDS AND ACHIEVEMENTS

Academic Merit Scholarship Type A for Semesters 2022.2 and 2023.1	2023
MB Scholarship - Accompanying Students	2023
Vallet Scholarship	2022
Valedictorian in A00 subject group for the 67th intake of Hanoi University of Science and Technology with score of 30/30	2022

## **ACTIVITIES**

## EGG CLUB - Technology Creation Club

11/2022 - now

Learning Committee Member

I, along with the other members of the club, are organizing various courses and competitions related to Data Structures and Algorithms (DSA)

# PERSONAL PROJECTS

# **Ecommerce Management APIs**

(2/2024 - 4/2024)

Description	The API system with basic functions supporting the online sale of products
Github Link	https://github.com/le-egg-gen6/SpringBoot_OAuth2_Server
Tech Stack	Spring Boot, Spring Security, Hibernate, Spring Data JPA, Spring Caching, MySQL
Main Functions	- Login and register user accounts using OAuth2 Add, edit, delete, and list products - Add, edit, delete products in the user's shopping cart - Confirm and view order details - Use caching to speed up the API

# **Book Management APIs**

( 2/2024 - 4/2024 )

Description	The API system with basic functions supporting online book management
Github Link	https://github.com/le-egg-gen6/BookManagementAPI
Tech Stack	Spring Boot, Spring Security, Hibernate, Spring Data JPA, MySQL
Main Functions	- Login, register, and manage account roles using JWT Authentication and Authorization - CRUD books - Manage users, authors, and administrators for the Admin

# SOCIAL MEDIA AND GITHUB

- Facebook: https://www.facebook.com/profile.php?id=100027249833323
- LinkedIn: https://www.linkedin.com/in/le-nguyen-ngoc-04112004qohn
- Github: https://github.com/le-egg-gen6