HUY HUYNH

he/him

Software Full Stack Development Intern, Seeking Software Full Stack Engineer Roles

Personal info

- ✱ 03/01/2004
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Links

- ☐ github.com/hkhuang07
- in linkedin.com/in/hkhuang07
- f facebook.com/hkhuang07

Languages

- **Vietnamese:** Native
- **English:** Intermediate (B1)
- **Chinese:** Basic

GitHub Profile

- ☐ github.com/hkhuang07

Projects:

- .NET (2 projects),
  Android (1 project),
  NodeJS (1 project),
  others (6 projects)

SKILLS

Programming Languages

- C#, C, C++, Python, Java, JavaScript, PHP (Intermediate)
- Batch Script, Assembly language (Basic)

Markup Styling Languages

- Markdown, HTML, CSS, LaTeX

Frameworks & Libraries

- ASP.NET Core (Entity Framework Core)
- Android Jetpack, ReactJS / Next.js, Node.js (Express.js)
- Tailwind CSS, Bootstrap 5

Technologies & Platforms

- Supabase, Firebase, MongoDB Atlas
- Cloud Computing Concepts (Basic understanding of AWS/GCP/Azure)
- Git & GitHub, RESTful APIs, Docker (Basic)

Databases

- SQL Server, MySQL, Oracle (Intermediate)
- PostgreSQL, MongoDB, SQLite (Basic)

Operating Systems

- Windows, Linux

Development Tools

- Visual Studio, Visual Studio Code, Android Studio
- PyCharm, IntelliJ IDEA, Eclipse, VMware

EDUCATION

An Giang University

Bachelor of Science in Information Technology

AN GIANG, VIETNAM [2022 – 2026] (EXPECTED GRADUATION)

- Major in Information Technology
- Relevant Coursework:
  - Information Management System Programming, Mobile Device Programming, IoT Programming, Cloud Computing, Web Programming, PHP Web Technology
  - Artificial Intelligence, Machine Learning, Data Mining
  - Network Administrator, Computer Network, Network Communication Programming, Information Security
  - Computer Architecture, Operating System, Data Structure and Algorithms
  - Oracle-SQL Server Database,
  - Analyze & Design Information System and OOP Software

EXPERIENCES

Massive Open Online Course

edX: CS50: Introduction to Computer Science

JUNE - JULY 2024

- Gained a foundational understanding of computer science and programming concepts.
- Explored various topics including algorithms, data structures, web development, and database design.
- Developed problem-solving skills through hands-on programming assignments in C, Python, SQL, and HTML/CSS/JavaScript.

Projects

Sales Management System - Client-Server Model

INDIVIDUAL PROJECT   (JULY 2025)

A sales management application for electronics stores, built on a robust client-server architecture. The system uses an efficient multi-threaded approach to handle concurrent operations and ensures data integrity with a clean 4-Layer architecture(Client-Server-Business Logic-Data Acess).

Technologies: C#, .NET, Entity Framework Core, SQL Server, TCP/IP Sockets, Multi-threading, Newtonsoft.Json, Windows Forms UI, Unit of Work Pattern, DTOs
Repository: github.com/hkhuang07/Sales-Management-Client-Server-Model-Socket-Multil-Threads

Sales Management Mobile App – Firebase Cloud

INDIVIDUAL PROJECT   (MAY–JUNE 2025)

An Android mobile application for sales and product management, offering distinct functionalities for administrators and regular users. The app leverages Firebase for secure authentication and real-time data storage, ensuring a scalable and modern backend solution.

Technologies: Java, Android, Google Firebase (Authentication, Cloud Firestore, FCM), AndroidX, Material Design Components
Repository: github.com/hkhuang07/Sales-Management-Mobile-App-Firebase

Sales Management Website – Supabase Cloud

INDIVIDUAL PROJECT   (MARCH - APRIL 2025)

A web-based online marketplace for second-hand products. The project provides an intuitive platform for buying and selling items, with distinct functionalities for guests, users, managers, and administrators. It leverages Supabase as a Backend-as-a-Service (BaaS) for data storage and authentication.

Technologies: HTML5, CSS3, JavaScript (ES6+), Bootstrap 5, jQuery, Supabase (Auth, PostgreSQL, Storage)
Repository: github.com/hkhuang07/Sales-Management-Website-Supabase
Website: graceful-profiterole-21b706.netlify.app

Online News – NodeJS – MongoDB Atlat

INDIVIDUAL PROJECT   (FEBRUARY 2025)

A robust online news portal for content creation and Browse. The application features dynamic content display, comprehensive category and user management, and a secure administration panel. It is built using Node.js for the backend and MongoDB Atlas for data persistence.

Technologies: Node.js, Express.js, MongoDB Atlas, Mongoose, EJS, Bootstrap, Bcryptjs, Express-session
Repository: github.com/hkhuang07/...
Website: online-news-website-nodejs-mongodb-atlat.onrender.com

CPU Visualizer – PyQt6

INDIVIDUAL PROJECT   (JUNE 2025)

An interactive simulation tool for a simplified 8-bit CPU. The application visualizes core instruction cycle phases (Fetch-Decode-Execute), real-time register and flag changes, and data flow. It serves as an educational resource for understanding fundamental computer architecture.

Technologies: Python, PyQt6
Repository: github.com/hkhuang07/CPU-Visualizer-Python-PyQt6

There are many other interesting projects on Github

For more, please visit my repository at [github.com/hkhuang07].

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Certificates and Prizes

2025   English VSTEP B1

Hobbies

- Programming
- Drink Coffee
- Read Books
- Go Gym and Play Sport