

# HO SY BAO NHAN

## Python Back-End Developer

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Short-term, my goal is to become proficient in my field, advancing to higher positions such as senior. Long-term, I aim to enhance my management skills, pursue higher education to support research endeavors.



## EXPERIENCE

- **Safehorizons Software Service Company Limited** Sep 2023 - Now  
*Back-End Developer* Danang, Vietnam
  - Participated in the development process of microservices systems with Django, Flask, MongoDB and ReactJS.
  - Wrote technical documentation explaining how the system crawl and parse data
- **Vietnam - Korea University of Information and Communication Technology** Sep 2023 - Now  
*Teaching Assistant* Danang, Vietnam
  - Instructed students in courses on Object-oriented programming and Advanced Java programming, leading to 60% of students achieving an A grade.

## EDUCATION

- **Vietnam - Korea University of Information and Communication Technology** Sep 2022 - Jan 2027  
*Software Engineering* Danang, Vietnam
  - GPA: 3.57/4.00

## PROJECTS

- **SigConn Tap - A web application for creating and managing NFC business cards** Oct 2023 - Dec 2023  
*Technology: Django, SQLite, NextJS, TailwindCSS, NFC* 
  - Team size: 2 members | Role: Fullstack Developer
  - A web-based application supports users in creating their own NFC business cards without coding knowledge.
- **FireWing - A Website providing real-time forest fire alerts and enhancing awareness** May 2023 - Jun 2023  
*Technology: ReactJS, Flask, ESP32 Microcontroller* 
  - Team size: 4 members | Role: Team leader
  - A website providing real-time forest fire alerts and enhancing awareness about forest fires with ReactJS, Flask, ESP32 Microcontroller and temperature sensors

## SKILLS

- **Programming language:** Python, JavaScript, Java, C++
- **DBMS:** MySQL, MongoDB, PostgreSQL
- **Front-end:** ReactJS, NextJS, Redux, Zustand, TailwindCSS
- **Back-end:** Django, Flask, FastAPI, RESTful API
- **Deployment:** Linux, Git, Docker, AWS EC2, GitLab CI/CD, Nginx
- **English:** TOEIC 615
- **Soft skills:** Leadership skills, Teamwork skills, Agile-Scrum, Presentation skills, Singing

## HONORS AND AWARDS

- **Third prize in the 33nd Vietnam Student Olympiad in Informatics (Open Source Software category)** Dec 2024
- **Champion of the Best Web Design 2024 competition (Super Cup bracket) at VKU** Sep 2024
- **One of VKU's 20 best students for the 2022-2023 school year** Oct 2023
- **Consolation prize for the Best Web Design 2023 competition at VKU** Aug 2023
- **Third prize in the provincial excellent student exam in informatics** Oct 2021

## VOLUNTEER EXPERIENCE

- **Speaker** May 2024  
*Faculty of Computer Science - VKU*
  - Topic: Sharing About the Best Web Design competition | Scale: 200 attendees
- **Speaker** Mar 2024  
*VKU IT Club*
  - Topic: Teamwork with Git and Github | Scale: 30 attendees
- **Speaker** Dec 2023  
*VKU IT Club*
  - Topic: 3-tier architecture | Scale: 70 attendees