

# Huynh Quoc Bao - Backend Developer

Highway 13, Hiep Binh Chanh Ward, Thu Duc District , Ho Chi Minh City

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## EDUCATION

- ❖ **Industrial University of Ho Chi Minh City** 2020 - Present  
*Major: Software Engineer*  
GPA: 2.8/4 (7/10)

## SKILLS

TECHNICAL SKILLS	<ul style="list-style-type: none"><li>- Programmings/Frameworks: Javascript (React, Node.js), Java (Spring Boot), HTML, CSS</li><li>- Databases: MySQL, PostgreSQL</li><li>- Techniques/Tools: Figma, IntelliJ IDEA, Postman, Maven, Docker, Jenkins</li><li>- Cloud Platforms: AWS</li><li>- Version Control Systems: Git</li><li>- Testing: TestNG, JUnit</li></ul>
OTHER SKILLS	<ul style="list-style-type: none"><li>- CI/CD</li><li>- Problem-solving</li><li>- Algorithm</li><li>- Self-learning</li></ul>

## WORK EXPERIENCE

- ❖ **VDAT Team** 01/2023 - Present  
*Backend Developer*  
**Description:** The IOH System is a healthcare system that provides digital healthcare solutions, streamlines medical testing processes and proposes improved solutions for healthcare issues.  
**My Responsibility:**
  - Researched and implemented the OMOP Common Data Model and applied Athena vocabulary to the IOH System.
  - Designed and developed a REST API using Node.js and Express.js to access and manipulate IOH system data.
  - Implemented unit tests with Jest to ensure code quality and stability.
  - Utilized Prisma ORM to map the data model and streamline database interactions.
  - Integrated Keycloak for user authentication and authorization.
  - Wrote Dockerfiles and Docker Compose configurations to containerize and deploy various services.**Technologies:** Node.js, Express.js, Prisma ORM, Keycloak, Jest, PostgreSQL, Microservices, OMOP CDM, Docker, Gitlab
- ❖ **IUHCoder** 05/2022 - 08/2022  
*Python Developer*  
**Description:** IUHCoder is an automatic code grading system developed based on the open-source DMOJ. The product-oriented group provides a solution for teachers to organize testing and assessment of student's programming ability and share knowledge among students to create a bridge between high school students and the Industrial University of Ho Chi Minh City.  
**My Responsibility:**
  - Conducted user surveys to gather feedback on existing features and identify new opportunities for improvement.
  - Designed new features based on user feedback and technical requirements.
  - Implemented new features for a web application.**Award:** Won the first prize in the Young Scientist Challenge at the Industrial University of Ho Chi Minh City.  
**Technologies:** Django, Javascript, Django REST framework, MySQL, Jinja, Github.  
**Ref:** <https://oj.iuhcoder.com/>
- ❖ **HiiT Figure** 10/2021 - 03/2022  
*Java Developer*  
**My Responsibility:**
  - Developed, debugged, and maintained for a small-scale E-commerce web application.
  - Developed CI/CD pipelines using Jenkins to deploy web applications to AWS
  - Worked with a team of developers to design and implement new features.

- Utilized Selenium and TestNG to write automation tests for web applications
- Wrote unit tests to ensure the quality of code.

**Technologies:** Java 8, Spring framework (Spring boot, Spring MVC, Spring Data JPA/Hibernate, Spring Security), MySQL, Thymeleaf, Bootstrap, jQuery, AWS(EC2, RDS, S3), Github, Jenkins, TestNG, JUnit, Selenium.

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❖ **Chitta Company**

04/2021 - 10/2021

*Intern Front-End*

**My Responsibility:**

- Developed the user interface for a real estate website.
- Worked with a team of developers to ensure that the website met all technical requirements.

**Technologies:** React, Redux, Reactstrap, SCSS, Axios, Google Maps.

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## CERTIFICATIONS

- AWS Cloud Technical Essentials Certificate (Coursera)	2023
- ICPC-2020 Regionals Certificate	2020

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## HONORS & AWARDS

- First prize in the Young Scientist Challenge at the Industrial University of Ho Chi Minh City	2022
- First prize in the Vietnam Student Olympiad in Informatics	2020
- First prize in the City-level Computer Science Competition for Excellent Students	2020

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## ACTIVITIES

❖ **Programming Club**

2020 - 2023

*Team member*

- Research Algorithms
- Help new students study about basic programming
- Organizing competitions on programming at the Industrial University of Ho Chi Minh City

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❖ **ACM/ICPC**

2020 - 2022

*International Collegiate Programming Contest*

Participate The 2020 ICPC Vietnam National Contest