

KHIEM DUY NGUYEN

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www.kndiy.com

github.com/kndiy

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SKILLS

Programming Syntaxes: JAVA, Python (reading and understanding), HTML, CSS, JavaScript, VBA;

Database and Analytics: SQL, MS Access, MS Excel;

Tools and Framework: Spring, Git, IntelliJ IDEA, MySQL.

PROJECTS

Spring Boot Project (www.kndiy.com)

Group project

Apr 2023 - Jul 2023

- Worked with Accounting department to further upgrade sales-monitoring system into detailed inventory-monitoring system;
- Developed a Spring-Boot MVC-Framework Application to replace prior MS Access Application, using MySQL for persistence;
- Deployed through AWS Elastic BeanStalk;
- Enabled perpetual inventory method for the firm in sales aspect, reduced at least 5% of wastage rate.

Web-Novel Content-Copying App (github.com/kndiy/CopyWebNovel)

Personal project

Jun 2023 - Jun 2023

- Utilized libraries of Jsoup to parse and collect targeted webpage elements, and Apache Poi XWPF to read and write to MS Word documents with desired text formatting.

SQL Project

Personal project

Feb 2022 - Mar 2022

- Migrated back-end database of prior MS Access application to MySQL on Server HPE Proliant DL60 Gen 9;
- Enabled remote-accessing to database.

MS Access Project

Group project

Jan 2020 - Apr 2020

- Colaborated with Accounting department to devise voucher and reporting system appropriate to the company;
- Implemented sales monitoring application using MS Access;
- Effectively increased revenue of company by 15%.

EXPERIENCE

Research And Development Department, Daesan Vina Company Limited

Sep 2017 - Present

Department Manager

- Developed sales monitoring, account settling and related applications using MS Access, MySQL, JAVA;
- Created applications that allowed trading with customers that worked in exporting;
- Cordinated Accounting, Manufacturing, Purchasing, Outsourcing departments of the company in adopting new technologies, and resolving technical problems;
- Contributed new foreign purchasing sources that helps reduced material cost by 20%.

EDUCATION

English

TOEIC 970

Japanese

N2, J2

JAVA and Spring Boot

Feb 2023 - Present

Sierra, K., & Bates, B. (2005). *Head First JAVA: Your Brain on JAVA - A Learner's Guide (2nd ed.)*. O'Reilly Media

- Learned core Java; Obtained experience of creating programming schemes and basics of Java syntaxes.

Craig Walls (2019). *Spring in Action (5th ed.)*. Manning Publication Co.

- Understood and developed first Spring Boot Application.

StackOverflow: <https://stackoverflow.com>

- Learned how to seek and combine different Programming syntaxes, algorithym and data structures to reach desired results.

Hackerrank: <https://www.hackerrank.com/khiemnd9112>

- Applied data structures to solve problems:
 - Set: TreeSet, HashSet, LinkedHashSet, etc.,
 - Map: TreeMap, HashMap, LinkedHashMap, etc.,
 - Queue, Stack, Array,
 - List: LinkedList, ArrayList, BlockingList etc.,
 - Tries, Disjoint Set, etc.
- Obtained Hackerrank certifications:
 - SQL Intermediate,
 - Problem Solving Intermediate.
- Familiarized myself with algorithyms:
 - Prism Minimum Spanning Tree,
 - Floyd Warshall Algorithym,
 - Dijkstra's Algorithym with TreeSet,
 - Aho-Corasick Algorithym,
 - Sieve of Eratosthenes, etc.

MS Access and MySQL

Jan 2020 - Mar 2022

University of Economics Ho Chi Minh City

Major: Accounting

May 2015 - Apr 2017

- Bachelor's degree; Classification: Very Good - Valedictorian; Culmulative GPA: 3.781

HCMC University of Technology and Education

Major: Printing and Media

Sep 2009 - Sep 2013

- Bachelor's degree; Classification: Good

Culmulative GPA: 3.011