HUYNH LE HUY

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Distric 9, Ho Chi Minh City

BACK END DEVELOPER

I am a back-end programmer with the ability to write APIs on Java language. I am proficient in using Annotaion, Bean in Spring Boot, configured security with Spring Security, manipulates MongoDB with basic CRUD commands, sending mail with Spring Mail. In addition, I can also perform Automation Test on the web or mobile (Android). I can also code Front-end by flutter but only stop at the basic level. My job criteria is to find a company that can help me to develop myself and to make money. I like to work with good and experienced people because from which I can learn more and improve my knowledge.

STRENGTHS AND EXPERTISE

Back-end Developer	Automation Test	Front-end Developer
CRUD database	Web, Mobile (Android)	Call API and process returned data
Write service for endpoint	Test automation by Selenium, Appium	Storage token from API

PROFESSIONAL EXPERIENCE

FMP - Flower Marketplace   **September 2023 - November 2023**
Manual Test Internship

Perform handmade test scenarios based on assigned Use case. Statistics and record the results of each test scenario. Write a report and script guidelines leading to bugs. Submit a test report on the weekend and participate in the progress report every first morning

Watch Store Website (Small Project)   **January 2024 - June 2024**
Back-end Developer

Watch Store website project is a comprehensive e -commerce system, built on the Spring Boot technology platform of Java. The goal of the project is to create a user -friendly, safe and effective website, allowing customers to easily find, order and pay online watches. The main functions include:

- Register/ Login
- Find product, view detail product
- Add product to cart and manage product in cart
- Create order, cancel order
- Manage product, category, user, order

My Spring Boot project is based on a three-tier architecture model. In the Data Access Layer, interfaces implement the MongoRepository interface to provide database access capabilities through Spring Data MongoDB. The Presentation Layer manages endpoints by using annotations such as @GetMapping and @PostMapping to define HTTP methods and endpoint paths. The Business Logic Layer contains services to process data, handle exceptions when retrieving data from the database, and return it to the Presentation Layer to be sent to the Front-end.

Automation Test in Web (www.demo.guru99.com)   **November - 2023**
Automation Testing

My personal automated testing project on the website www.xxx.com includes the following
components:

- Driver Factory: I have set up a driver factory to flexibly obtain drivers for Chrome or Firefox,
  facilitating test environment preparation.
- Excel Helper: To assist in retrieving customer information from an Excel sheet, I have configured an
  Excel Helper class.
- Action Keywords: I have created test support functions based on Selenium functions to ensure that
  testing is not affected by page load speed or screen size.
- Page Object Model (POM): The Page Object Model is an essential part of my project, allowing me
  to configure actions for specific pages, aiding in efficient code management and maintenance.
- TestNG Integration: Additionally, I have integrated TestNG framework into my project to facilitate
  test execution, reporting, and management, enhancing the overall testing process.

Automation Test in Android Application   **December - 2023**
Automation Testing

To prepare the environment for testing mobile apps with Appium, I perform the following steps:

- Prepare Virtual Machine: Since mobile apps cannot run directly on a laptop, I need to prepare a
  virtual machine for testing. I use tools like Android Virtual Device (AVD) or Genymotion to create an
  Android virtual machine.
- Prepare Virtual Machine: Since mobile apps cannot run directly on a laptop, I need to set up a
  virtual machine for testing. I use the virtual devices provided by Android Studio to create an
  Android virtual machine.
- Project Structure: My project has a structure similar to Selenium, but I have also integrated
  Cucumber to easily create and manage test cases using natural language.

Watch Store Application   **March 2023 - May 2023**
Front-end Developer (Flutter)

Based on the watch-store API I'm developing, I've created a Flutter application interface. During
development, I've utilized the following core libraries:

- 'http': Used to make requests to API endpoints to retrieve data.
- 'shared_preferences': Utilized to store authentication tokens from the API when users log in.

My application offers basic functionalities to serve users such as login, registration, viewing product
information, adding products to the cart, purchasing items, and managing user information. Currently,
as I haven't configured the port for my virtual machine yet, I've deployed the Flutter application on the
web environment and used port 5555.

EDUCATION

Ho Chi Minh City University of Technology and Education
Information Technology

FPT Software Academy
Automation Test

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