**PERSONAL DETAILS**

* Name **Nguyen Lam Hai Son**
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* Git <https://github.com/HaiSonMin>

**EDUCATIONAL BACKGROUND**

* Automation Electrical Engineer – Ho Chi Minh City University of Transport – FEUT

**JOB POSITION:** Fresher FullStack Nodejs-ReactJs

**SOFTWARE**

* **Programming Languages:** HTML5, CSS, SCSS , JavaScript, TypeScript, Java, NodeJS, NestJS,..
* **Database**: MySql, Sql Server, MongoDB, Redis,...
* **Programming Tools:** Visual Studio Code, IntelliJ...
* **Framework/ThirdLibrary:** ReactJS, Redux, Redux-toolkit,React Query, Bootstrap, Tailwind, SpringFramework, SpringBoot, NodeJs,...
* **Tools**: MySQL, SQL Server, GitPash, MongoCompass ,Postman, Docker, RedisInsight,...

**WORK EXPERIENCE**

**August 2023 – Now:**

|  |  |
| --- | --- |
| Position | FullStack Developer |
| Organization | Freelance |
| Job description | Ecommerce Application Website(Dien May Xanh Clone) |

**Technologies/tools using:**

* DesignPattern
* NodeJs
* ReactJS
* MongoDB
* Postman
* Git/GitHub
* SocketIO
* Redis
* ElasticSearch
* Docker
* RabitMQ
* MicroService(add later)
* Kubernetes(add later)

**Link Github:** <https://github.com/HaiSonMin/ProjectEcommerce>

**Work Description**:

1. Build a system of register, login, reset password authenticated by OTP and login by google
2. Feature of admin:
   1. Manage user account information, manage account information as company employees. Can add, edit, delete and update information for all accounts.
   2. You can view product sales statistics weekly, monthly or quarterly. Statistics of the percentage growth of the store over time
   3. Manage blog information about products and technology. You can add, edit, delete, and update information for blogs...
3. Feature of user:
   1. Search for products, filter products by category and usage needs.
   2. Add, edit, delete product information in the cart and checkout
   3. Collect discount codes and apply them during purchase when eligible...
4. Features will be rolled out in the future:(Can be completed by the end of the month)
   1. Realtime chat app
   2. Microservices Architecture
   3. Send notifications to each user who is a member of the store when new products are launched or discount vouchers are available(RamitMQ)
   4. Using elasticsearch for search engine helps find products faster
   5. Use redis to save user behavior to suggest the most searched or purchased products...

**May 2023 – August 2023:**

|  |  |
| --- | --- |
| Position | Backend NodeJs |
| Organization | Wisdom Engineering and Business Solutions |
| Job description | Delivery App |

**Project Description**: Together with the team, we created a mobile delivery application system, the server side was coded by nodejs

**Work participation:**

1. Determine the number of database elements and create the database.
2. Used design patterns to make it easy to expand on the backend.
3. Create features to add, delete, edit, product information, user accounts, discount codes, order information,...
4. Used design patterns in mongo to optimize search

**Technologies/tools used:**

* DesignPattern
* NodeJs
* MongoDB
* Postman
* SocketIO

**April 2023 – May 2023:**

|  |  |
| --- | --- |
| Position | Backend and Frontend |
| Organization | None |
| Job description | Book library management |

**Project Description**: Project borrows books from the library and can be purchased through card payment.

**Development Steps**:

1. Determine the number of database elements and create the database
2. Create packages to easily code and debug on the back-end(config, dao/repository, service, controller, dto, utils,...)
3. Configure front-end interface, install 3rd library and interface code
4. Test Rest API and deploy on github

**Technologies Used:**

* HTML5, SCSS, Typescript
* ReactJS
* Bootstrap
* Okta
* Oauth2
* Java Spring Boot
* Hibernate , JPA
* MySql
* Postman
* Git

**PROFESSIONAL SUMMARY**

* Can research new technology. Teamwork and good communication.
* Knowledge of relational database
* Knowledge about managing and using git
* Able to withstand high pressure at work, eager to learn, proactive in solving problems.
* Able to read and understand English documents

**Future plan:**

* Learn more Microservices Architecture, Docker, Kubernetes, AWS,… after working time
* Learn more about optimizing databases to be ready to work with large systems
* Fluent in English communication in the next 6-8 months
* Become a full-stack developer in the next 1-2 years
* Become a Devops engineer in the next 4-5 years
* Enjoy life with passion for programming