



Bui Hai Linh

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My career objective is to become a professional Backend Developer and contribute to web application development projects, leveraging my existing experience. I aim to enhance my programming skills and explore the latest technologies within this field. I aspire to work in a dynamic environment that challenges me and provides opportunities to learn from peers and industry experts. I am committed to dedicating myself to the job, acquiring further experience, and gaining new skills to achieve my career goals and advance as a software developer.

Backend Developer with 2+ years in software development. Successfully created a CRM improving efficiency by 30%. Proficient in Node.js, MongoDB, and Cloud services

SKILLS

Programming Languages: Javascript & TypeScript

Database Management Systems: PostgreSQL, MySQL, MongoDB

Others: Good understanding of OOP methodologies, hands-on experience with cloud computing, Platforms: Aws & Google cloud Platform., Tools to use proficiently in Git , UML ,draw.io (diagram creation), and Jira (project management, issue tracking),, Proficient in Docker for efficient application containerization and deployment.

Frameworks/Platforms: Node.js (Express, NestJs, SailsJs, Node-red), Socket.io Vue.js, React.js, HTML/CSS(SCSS), BootStrap, jQuery, MVC, Web API

WORK EXPERIENCE

Backend Developer

Midu MenaQ7

Sep 2023 - Sep 2024

Ha Noi

Project : CRM (10 members)

Description: Developed a cross-platform Customer Relationship Management (CRM) application (web/mobile) to assist the company in managing customer information, automating sales processes, and customer care. The application is integrated with third-party accounting software and shipping carriers, creating a comprehensive management system that enhances business efficiency and optimizes logistics processes.

Technologies:

- Frontend: Next.js (TypeScript)
- Backend: Node.js (JavaScript), MongoDB, Socket.io, Linode, Firebase, RabbitMQ

Responsibilities:

- Define the architecture, coding convention and set up CI/CD pipeline for all backend projects
- Designed and implemented features for managing customer information, transaction history, and contact details.
- Built a sales process management system to monitor sales progress.
- Developed a marketing campaign management system to track campaign effectiveness.
- Created a reporting system for analyzing customer data.
- Integrated with third-party accounting software Safebook via API to synchronize customer data, orders, invoices, and financial reports.
- Integrated with shipping carriers (Supership, Viettel Post) to automate shipment creation, order status tracking, and updating delivery information for customers.
- Developed APIs for connecting with other company systems.
- Ensured the system's performance and scalability.
- Reviewing Code & mentoring member of the team to ensure code quality.

Project: DDCC (8 members)

Description: Developed a web/mobile application to assist in height growth that provides features for predicting future height and building personalized regimens for users, capable of handling high loads serving over 10,000 customers.

Technologies:

- Frontend: Next.js
- Backend: NodeJs(JavaScirpt), MongoDB, Socket.io, Linode, Firebase

Responsibilities:

- Define the architecture, coding convention and set up CI/CD pipeline for all backend projects
- Developed and deployed a height prediction function based on user data.
- Built a system for recommending regimens using the company's products, incorporating nutritional and exercise plans.
- Developed functionality for automatically generating regimens based on user needs and goals.
- Constructed a user management and approval system, including an agent management system.
- Implemented performance optimization solutions such as caching and load balancing.
- Reviewing Code & mentoring member of the team to ensure code quality.

Project: DCM (5 members)

Description: Developed a web application designed to optimize customer care efficiency by analyzing and selecting potential customers, supporting effective staff resource allocation.

Technologies:

- Frontend: Next.js
- Backend: Node.js (TypeScript), MongoDB, Linode, Smax

Responsibilities:

- Define the architecture, coding convention and set up CI/CD pipeline for all backend projects
- Built a system to connect and retrieve customer data from multiple sources.
- Developed a customer data analysis system, identifying key metrics to classify and select potential customers.
- Constructed an algorithm for staff resource allocation tailored to each customer group based on data obtained from various sources, ensuring optimized performance of the customer care team.
- Developed a detailed filtering functionality, allowing users to search and categorize customers based on diverse criteria.
- Built APIs to provide data to the frontend, ensuring performance and data security.

Junior Backend Nodejs

May 2023 - Sep 2023

Ha Noi

JITS Innovation Labs

Project: Mo Money (6 members)

Description: The project involves the development of the "Mo Money" web application, focusing on transaction management, fee calculation, transaction authentication, and third-party payment integration.

Technologies:

- Frontend: ReactJs
- Backend: NodeJs(JavaScrip), MongoDB, Node-red, aws, kafka

Responsibilities:

- Develop payment flow for a certain service, fix UI according to customer requests, create filters before transactions



Project: Lotte E-Wallet (6 members)

Description: The project involves the development of the Lotte E-Wallet mobile application, encompassing a range of functionalities such as user verification, consumer lending, and sending APIs to the mobile app.

Technologies:

- Frontend: ReactJs
- Backend: NodeJs(JavaScrip), MongoDB, Node-red, aws, SailsJs

Responsibilities:

- Designed and implemented features for managing customer information, transaction history, and contact details.
- Built a sales process management system to monitor sales progress.
- Developed a marketing campaign management system to track campaign effectiveness.
- Created a reporting system for analyzing customer data.
- Developed APIs for connecting with other company systems.
- The function of reviewing and approving loan application dossiers
- Ensured the system's performance and scalability.

Junior Backend Nodejs

Feb 2022 - Apr 2023

Ha Noi

Evotek

Project: Warehouse management system (5 members)

Description: Expanding the project to include new functionalities, we will focus on implementing features related to electronic products within the web application. This expansion involves writing tests for these new features to ensure their seamless integration and functionality. Furthermore, we will update the newly added features on the client's server, enhancing the overall capability and usability of the web application in the context of electronic products.

Technologies:

- Frontend: ReactJs
- Backend: Nodejs(javaScrip), MongoDB, jasmine, Socket.io, nginx

Responsibilities:

- Develop new functions. Write new functional tests for web apps related to electronic products. Update new web functions to the customer's server

Dev Backend

May 2022 - Feb 2023

Viet Nam

Freelancer

Project: t4kid (8 member)

Description: The project involves building a web application that integrates inventory control tools, displays revenue reports for products, and establishes a network with installed devices to facilitate seamless data transmission. The primary objectives include creating a robust inventory management system, allowing efficient tracking and control of product quantities within a storage facility.

Technologies:

- Frontend: Vuejs
- Backend: Nodejs(JavaScript), Aws(Apl gateway, lambda, DynamoDB), jest

Responsibilities:

- Build warehouse management function, receive API from the device and convert it into chart format for users

EDUCATION

Information Technology

Oct 2018 - Nov 2022

Hanoi University of Natural Resources and Environment

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

school youth union secretary

Hanoi University of Natural Resources and Environment

Participate in school union activities as well as events organized by the school and blood donation

May 2019 - Sep 2021

Ha Noi

