



Bui Anh Khoa

Full Stack Developer

Profile

- More than 5 years experiences in Front-end development
- More than 5 years experiences in Back-end development
- Good experience in Angular 2+, RxJS, ngRx, Akita
- Good experience in BE development (NodeJS, NestJS)
- Good experience in material library (Bootstrap, Angular Material, Ant design)
- Good experience in creating API
- Have experience in ReactJS, NextJS, Redux
- Have experience in GraphQL
- Have experience in microservice (RabbitMQ, GRPC)
- Have experience in Docker
- Have experience in Azure Cloud services (Cosmos DB, App Service, AKS, Azure Function, Azure storage, Key Vault)
- Have experience in AWS (Lambda, SNS, S3, EC2, Dynamo DB)
- Good experience in Agile and SCRUM
- Good experience in Source Version Control (Git)
- Good experience in Action and Runner of github, gitlab to automatically deploy
- Good experience in Bitbucket pipeline
- Have experience in CI/CD (Github, Circle CI)
- Good experience in freelance job, remote job
- Good experience in problem solving

Employment History

Full Stack Developer at BLOOM, Ho Chi Minh

March 2022 — Present

Dolce Diet

Project Description:

- Client is from the USA. they want to rebuild a website for there diet program.
- The features of this website: to generate a professional plan with detail of exercise plan and menu plan based on user's inputed information (weight, height, experience in exercise, ...)
- Maintain old system which is written in Drupal, PHP, AngularJS
- The challenges of this project is the data structure. First of all, it is the migration of data collected from Drupal (node styled). The second is to manage every single user with programs (one user has some programs and all have to be stored for history purpose).

Summary: Application with more than 10000 users and ~1000 users online at the same time

Team size: 7

Details

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Links

[Github](#)
[Linkedin](#)
[Profile \(Under construction\)](#)

Skills

SQL
Node.js
MongoDB
Git
React
JavaScript
Angular
NestJS
NextJS
TypeScript

Hobbies

Esport

Languages

English
Vietnamese

Project Technology: NextJS (TypeScript), NestJS (TypeScript), MongoDB

Other minor Technologies: bull, event queue, socket, guard, schedule (cron job), serve static, Swagger, with Jest for unit testing

My Position: FullStack Developer, Technical Architect for BE

My Responsibility:

- Choose solution and tech to be implemented
- Build the architecture of Back End and Database (the whole BE)
- Implement complex features for FE and BE
- Deployment, Backup, Build cron job.
- Build CI/CD with VPS, Bitbucket pipeline and dockerhub private.
- Write the code based on detailed design and Functional/Requirement Specifications
- Incident and bug fixing
- Upgrade version of PHP/Drupal to pass Braintree policies (Which I just started to learn)
- Review other members' code and guide them to code on some features

Full Stack Developer at NASHTECH, Ho Chi Minh

June 2020 — November 2021

CNC Machine Software

Project Description:

- Client is from Germany working in domain Manufacturing. In this project, they provide customer a software which controls the CNC Machine and some other features out of this machine function
- My task in this project is to build a page to remote other computer (RDP, VNC, SSH), all function need to work on touch screen.
- The architecture is Micro front-end
- The challenges of this project is the gesture of touch screen, and the working of touch screen to control other computer which is harder to do with a mouse.

Summary: Application for individual machine to run local

Project Technology: Angular 9, Electron, Golang, Micro Frontend

My Position: Frontend Developer (Angular and Electron)

My Responsibility:

- Write the code based on detailed design and Functional/Requirement Specifications
- Build architecture of the app.
- Support Deployment
- Incident and bug fixing
- Support other member with technical
- Be mentor of an Junior Frontend member

Smart Manufacturing Management

Project Description:

- Client is from Germany working in domain Manufacturing. In this project, they provide customer a system to monitor their production lines with a big amount of machine.
- Customer can view the production status (complete, on going) near real time, and these applications are deployed to IPC.
- The challenges of this project is the structure of data to show in Front end (which is hierarchy has 4 levels of children)

Summary: Application with more than 100 active users

Project Technology: Angular 11 Java and SQL

My Position: Frontend Developer (Angular)

My Responsibility:

- Write the code based on detailed design and Functional/Requirement Specifications
 - Build architecture of some module
 - Collect requirement from client and suggest solution about UI/UX and workflow to client
 - Incident and bug fixing
 - Support other member with technical
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Wealth Management

Project Description:

- Client is from Italy. They are a finance company which provide wealth management solution for their customer, and my ODC is a vendor. and there customer comes from USA
- This is a wealth management website which is implemented from Finantix's product and it is customised to match customer's requirement. Features of this web: wealth management, wiretransfer management.
- The challenges of this project is performance issues and integration of JBPM (Java Business Process Management) into application

Summary: Application with 10M+ users

Project Technology: Angular 7, Java, SQL

My Position: Frontend Developer (Angular)

My Responsibility:

- Write the code based on detailed design and Functional/Requirement Specifications
- Build architecture of some module
- Collect requirement from client and suggest solution about UI/UX and workflow to client
- Incident and bug fixing

Full Stack Developer at GLOBAL CYBERSOFT, Ho Chi Minh

February 2019 — June 2020

Vidole

Project Description:

- The client of this project is from France, they are an art, comic design company and they want to sell their designed products
- This is an e-commerce website. The objective of this project is to develop an e-commerce store which product is self-created books (customer can create their own characters and own stories). All created books will be verified and be printed automatically and then be shipped with 3rd party shipping company. Customers also can manage their orders and track their goods.
- The challenge of this project are to build the characters styling, stories generating system and the automatic printing service through server.

Project Technology: Angular 9, NestJS, MongoDB

My Position: Developer, Team lead

My Responsibility:

- Write the code based on detailed design and Functional/Requirement Specifications
 - Build architecture of some module
 - Collect requirement from client and suggest solution about UI/UX and workflow to client
 - Incident and bug fixing
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Polymate

Project Description:

- The client is from France. They are and multimedia company and they want to make a social network call 'Polymate'
- This project is a social network application could be call 'small facebook'. User can post image, video, like/unlike, block/unblock, give heart to other user. A heart is convert to 0.02\$ and will be paid through PayPal
- The challenges of this project are implementing micro service for chat and load balancing

Project Technology: React Native, NestJS, MongoDB

My Position: Developer

My Responsibility:

- Write code based on detailed designs and Functional/Requirement Specifications
 - Incident, bug fixing, deploy and maintain server on Google cloud
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MeatChef E-commerce

Project Description:

- Client of this project is from Viet Nam, they are food company and want to build an online store with company's activities management
- This project contains e-commerce website and admin website. Almost features of store website are buying/commenting/voting product, order managing, goods tracking and live streaming. In the admin website, admin can manage products they sell, manage orders and

shipping system, manage employees, analysis data in week and month.

- There are some challenges in this project such as: data analysis, live streaming solution and employees management

Project Technology: Angular 8, NodeJS, MongoDB

My Position: Developer

My Responsibility:

- Write code based on detailed designs and Functional/Requirement Specifications
- Collecting requirement and suggest solution for UI/UX and workflow of modules.
- Incident and bug fixing

★ Freelancer Work History

Smart farm, Ho Chi Minh

March 2022 — March 2023

Project Description:

- Client is from the USA. they want to build a bio safety evaluation website for there smart farm (this is the first step for a huge program).
- The features of this website: to build sets of questions, user will answer all of it then a report is generated and they can compare between reports and come to the conclusion with actions for their farms. all reports can be exported to excel file

Summary: Application with more than 200 active users, 100 online users at the same time and plan to be scaled up in a short time

Team size: 3 (2 developers and 1 tester)

Project Technology: ReactJS (TypeScript), NestJS (TypeScript), MongoDB, microservices with RabbitMQ

My Position: FullStack Developer, Technical architect from the beginning for both FE and BE

My Responsibility:

- Provide client some smart solutions for their marketing problems.
- Choose solution and tech to be implemented.
- Build the architecture of Back End, Front End and Database
- Deployment, Backup, Build cron job.
- Build CI/CD with VPS and github pipeline.
- Write the code based on detailed design and Functional/Requirement Specifications
- Incident and bug fixing
- Review other members' code and guide them to code on some features
- Deliver to customer with defined timeline

Orders Management, Ho Chi Minh

January 2022 — March 2023

Project Description:

- Client is from Vietnam. they want to build a website to manage orders, customers, products to provide best customer care service.
- The features of this website: Products management, Customers management, multiple departments with multiple roles, orders management, delivery management. Besides, there are report, cron job to analyse customer (new, old, ...). The process of raising order is harder than other CRM software
- The challenges of this project is the roles and multiple department, which means department A can not see anything of department B if not taking part in. Beside that, in each department there are roles such as: leader, sale president, warehouse, ... These challenges are hard for both FE and BE.

Summary: Application with more than 20 active users

Project Technology: Angular 13 (TypeScript), NestJS (TypeScript), MongoDB

My Position: FullStack Developer, Technical architect

My Responsibility:

- Choose the solution to be implemented
- Build the architecture of Front End, Back End and Database (the whole app)
- Deployment, Backup, Build cron job.
- Build CI/CD with VPS and github Action.
- Write the code based on detailed design and Functional/Requirement Specifications
- Collect requirement from client and suggest solution about UI/UX and workflow to client
- Incident and bug fixing
- Review other members' code and guide them to code on some features

Animal Farm Management, Ho Chi Minh

May 2021 — January 2022

Project Description:

- Client is from animal food company supplier in Vietnam. they want to build a website to manage expense and avenue of money when buying supplier and selling animal (pig)
- The features of this website: warehouse management, which manages importation and exportation of animal feed, medicine, equipment. Stall management, which manages pigs, with pretty flexible workflow of many types of pig. Report module, which calculate by day or by month the expense and avenue to provide the overview and detail of their business.
- The challenges of this project is the database structure because the business is not quite clear so I must follow their business to build the best solution.
- Some features: email notification, data chart visualization, pigs management, feeding, selling, importing

Summary: Application with more than 100 active users

Project Technology: Angular 11 (TypeScript), NestJS (TypeScript), MongoDB

My Position: FullStack Developer, Technical architect

My Responsibility:

- Choose the solution to be implemented
- Build the architecture of Front End, Back End and Database (the whole app)
- Deployment, Backup, Build cron job
- Write the code based on detailed design and Functional/Requirement Specifications
- Collect requirement from client and suggest solution about UI/UX and workflow to client
- Incident and bug fixing

❖ Internships

QA/QC at AMPERE, Ho Chi Minh

September 2019 — January 2019

Developing a test framework based on robot framework using Python. This framework is used for baseboard management controller(BMC) testing (health test, stress test, performance test, OS test, website test, ...)

Main responsibilities:

- Write test case follow BMC's spec
- Develop new features for test framework (Auto login, Auto save log, ...)

Recognition and Gains:

- Robot framework
- Python programming
- Experience in finding bugs

⇒ Education

Bachelor of Engineering, University of Information Technology, Ho Chi Minh

July 2015 — July 2019