

# Nguyen Ho Son Hoang

Software Engineer

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## SUMMARY

I am a software engineer with more than 4 years of experience, majoring in E-commerce. I have been interested in building convenient applications, with good knowledge of distributed systems. Learning new technologies and business models is what I'm passionate about. I also have the curiosity about systems architecture, and my goal is to be a solution architect in the future.

## TECHNICAL SKILLS

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- Programming Languages:
  - HTML5, CSS3
  - JavaScript, TypeScript, Golang, Python
- Framework/ Platforms:
  - Angular, React
  - NodeJS, NestJS, ExpressJS, Inversify
  - jQuery, Bootstrap4
  - Nginx, Ubuntu
  - GCP, AWS
- Others:
  - Good understanding of OOP methodologies, SOLID principles, Dependency Injection.
  - Experience in digital marketing (Facebook Ads, Google Adwords)
  - Basic skills of Photoshop and Lightroom
- Version Control:
  - Git (Github, GitLab)
- Database Management Systems:
  - MongoDB, Redis, DynamoDB
  - MySQL, PostgreSQL
- Soft Skills:
  - Teamwork
  - Time management
- Foreign Languages:
  - English:
    - IELTS: 6.0

## PROFESSIONAL EXPERIENCE

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Kilo

07/2021 – 02/2023

**Position:** Full Stack Software Engineer

**Project:** Kilo APIs, Seller App, Retailer App, Shipping App, Third party portal

- **Project Description:** a B2B2C marketplace that streamlines the inventory ordering and fulfillment process for mom & pop retailers.
- **Team Size:** 11
- **Responsibilities:**
  - Build Kilo ecosystem application architecture based on microservices.
  - Design and implement modules (both back-end and front-end) on the seller app to help sellers sell those products on the KILO platform with multiple set-ups like seller onboarding flow, promotions, loyalty, dashboard, etc.
  - Retailer app helps Retailers/Stores search for products, make orders with a lot of payment methods, and KSR (Kilo Sale Representative) to assist ordering for retailers.
  - Shipper app and Third-party portal allow and helps logistic (3PL) partner handle and manage orders.
  - Develop CMS and back office modules to support admin to manage marketing modules (banners, promoted seller...) and payment flow (reconciliation, refund...) on the system.
  - Apply new technology to improve user experience and reduce management and operation costs...
- **Technologies:** Javascript, Typescript, Golang, Nodejs, Nestjs, Nextjs, ReactJS, Postgres, Redis, Docker, AWS.

## Be Group JSC

09/2020 – 05/2021

**Position:** Software Engineer

**Project:** [Cake \(Digital Banking\)](#)

- **Project Description:** Digital banking on Be application will help you minimize the difficulties or barriers in the process of money management and daily spending.
- **Team Size:** 10
- **Responsibilities:**
  - Build application architecture based on the event-driven architecture of micro-service systems.
  - Develop APIs and implement services for onboarding new customer processes.
  - Build a workflow platform that supports managing and tracking the states of a customer in bank workflows for process automation purposes.
  - Develop an event collector service to collect data from many resources for the rule engine.

- Design and implement onboarding process flow by the state machine in the workflow platform.
- **Technologies:** Golang, Docker, Kubernetes, MySQL, Google Pub/Sub, Redis, MongoDB

## Yomedia – New Pinetech

12/2019 – 06/2020

**Position: Full Stack Software Engineer**

**Project:** DMP (Data Management Platform), SSP (Supply Side Platform)

- **Project Description:** Programmatic Advertising Ecosystem of the company. DMP platform for audience segmentation which helps target the right audience and develop potential customers. And SSP platform for selling advertising in an automated way via the company ads network and third-party ads exchange (OpenRTB)
- **Team size:** 7
- **Responsibilities:**
  - Develop APIs and implement modules for admin management system
  - Build functions for schedule workers
  - Communicate with team leader to get clear requirements
  - Develop APIs and implement modules for admin management system
  - Implement new modules for front-end
- **Technologies:** Nodejs, Inversify, PostgreSQL, Redis, RabbitMQ, Kafka, Druid, Hadoop, Redis

## APPNET Media

05/2018 – 09/2019

**Position: Full Stack Software Engineer**

**Project:** Hecta.vn

- **Project Description:** A property portal website providing information on and around real- state
- **Team size:** 4
- **Responsibilities:**
  - Communicate with customer to get clear requirements
  - Develop APIs and implement modules for admin management system
  - Build functions for schedule workers

- **Technologies:** Angular, Nodejs, ExpressJS, MongoDB

**Project:** Flowervietnam.vn

- **Project Description:** flowervietnam.vn, a B2B Ecommerce website aims to build a marketplace for flower shops and their customers
- **Team size:** 4
- **Responsibilities:**
  - Develop APIs based on Inversify and TypeScript
  - Study how notification architectures work and implement its features
  - Learn and integrate login by Google and Facebook features (both back-end and front-end)
- **Technologies:** Angular, Nodejs, Inversify, MongoDB

**Project:** Click.appnet.vn

- **Project Description:** A website provides solutions for Google Ads agencies to protect their client websites against clickers who are employ to click Ads on purpose in Google Search
- **Team size:** 4
- **Responsibilities:**
  - Design and implement features that support client-side
  - Develop and design related schema for a tracking system which tracked and stored all user behaviors information
  - Write key technical documents and mentor new members of my team
- **Technologies:** Angular, Nodejs, ExpressJS, MongoDB, RabbitMQ

## PERSONAL PROJECTS

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**Project:** [the18chapter.com](http://the18chapter.com)

- **Project Description:** An E-commere website reaching about 10k traffic/month sells colorful, fun boxers.
- **Accomplishments:**
  - Connected website with Facebook Pixels platform in order to analyse and follow the data that user accessed website
  - Learned how a website is created from scratch
  - Got to know how a small business works
  - Learning about marketing and developing a brand

- Learned MEAN stack technologies and knew how to deploy a website
- **Technologies:** Angular, Nodejs, ExpressJS, MongoDB, Nginx

## EDUCATIONS

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**University of Information Technology (UIT HCM)**

**2015 - 2020**

- **Subject:** E-commerce
- **Degree:** Engineer's Degree

## PARTIMES AND HOBBIES

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- I'm reading Medium and books on the daily basis to cultivate my knowledge and to satisfy my curiosity
- Motorcycles and travelling are my passion, and I sometimes travel on my bike with my friends on my leisure time
- I am keen on playing football and reading books in my free time
- Photography is my hobby, I love to take photos about life and architecture