**PHUONG NGUYEN DUY**

**Senior Software Engineer**

**Phone**: +84 979 891 673

**Email**: [phuongnd.tech@gmail.com](mailto:phuongnd.tech@gmail.com)

**Website**: <https://phuongndtech.netlify.app>

**Address**: [114/15](mailto:phuongnd.tech@gmail.com) Bui Quang La Street, Ward 12, Go Vap District, Ho Chi Minh City, Viet Nam

**SUMMARY**

With five-year background in diverse facets of .NET development, database design, and technical support. I have extensive experience developing legal, e-commerce, management, banking, and education products.

I like helping other and work well with group. I can also do some mentoring tasks and code reviewing for other members.

**TECHNICAL SKILLS**

**POSITIVE THINKING COMPANY**  May 2022 - present  
***SENIOR SOFTWARE ENGINEER***  
**Project:** McK CostGauge – Diagnostic Tool

**Customer:** UK

**Project description**: This is a diagnostic tool used by mining operations. It helps Mine Managers understand opportunities to make cost savings. It started as an Excel model, and today is a Web-based tool offered as SaaS. The model (business logic) is in .NET with a PostgreSQL database, and a Web front end.

The current roadmap is re-factoring the model, building a new user experience on the front-end, and adding further models for different types and parts of mining operations.

**Team size**: Up to 10 members

**Responsibilities**:

* Meeting with PO and teammates to get clear requirements to develop new features.
* Refactoring the legacy system and designing a new structure for a new project.
* Aggregating data and building APIs.
* Supporting leader to plan and estimate for the newsprint.
* Supporting QC for testing the new features and repairing data tests.
* Supporting teammates to trade bugs and fix bugs.
* Implementing unit tests and integrating tests for increasing test coverage.
* Using graph query and mutation to get data from the Hasura tool.
* Using Hasura migration to generate a new table, view, and function.
* Handling parallel functions to improve performance with Hangfire.
* Handling excels files with NPOI library.
* Using Azure storage to store the excel file.

**Technologies:**  .NET 6, PostgreSQL, GraphQL, Hangfire, Hasura.

**SAIGON TECHNOLOGY**  Jul 2021 – May 2022  
***INTERMEDIATE .NET DEVELOPER***  
**Project:** Idealpos

**Customer:** Australia

**Project description**: a system that manages users, invoices, orders, and subscriptions. Besides, the system exposes data to share for other services.

**Team size**: 7

**Responsibilities**:

* Meeting with customers and teammates to get clear requirement. Develop the frameworks and modules of the system.
* Refactoring the legacy system, designing a new structure for a new project.
* Building a Angular project.
* R&D new technologies.
* Supporting client including writing user guide, initial data test, document APIs.

**Technologies:** .NET framework, .NET core 3.1, RestfulAPI, Angular 5, SQL, EF6, EF Core, MSA.

**NASHTECH LIMITED** Aug 2019 – Jul 2021

***SENIOR SOFTWARE ENGINEER(*Jan 2021 - Jul 2021)**

**Projects**: Ebiquity

**Customer**: UK

**Project description**: There are a lot of services aboout media such as Scocial, Digital Search, Rules Builder, Connect, Planit, and TV Benchmarking. I'm working for TV Benchmarking and Rules Builder service. The TV Benchmarking service is that providing a flatform to analysis the ads. This service helps the user saving lots of time when analysis media. Besides, the TV Benchmarking service has two mini services like National TV and Local TV.

**Team size:** 35

**Responsibilities:**

* Providing solutions.
* Reviewing Code.
* Designing database schema, sync data from SQL to MongoDB.
* Implementing Integration test, Unit test to cover code.
* Working process follow Agile/Scrum.
* Composing Technical note(Workflow diagram, DB Schema, Restful API Endpoint contract...)
* Improving performance.

**Technologies:** ASP .Net Core 3.1 Web API, SignalR, EF Core Code First, SqlServer, MongoDB, Angular, Material UI, XUnit, NUnit, Lib: Aspose, EPPlus, Test strategy: Integration test and Unit test.

***SOFTWARE ENGINEER(*Aug 2019 - Jan 2021)**

**Projects**: Internal tools

**Project description**: Internal toos are projects of Nashtech company. There are many projects included timesheet, leave, company’s events, training, and management employees.

**Team size:** 50

**Responsibilities:**

* Fixing bugs, implementing features.
* Learning the process of company.
* Implementing feature satisfied OWASP TOP 10.
* Implementing APIs for the project.
* Maintaining the Legacy system.

**Technologies:** ASP .Net Core 3.1 Web API, Web Socket, EF Core Code First, SqlServer, Angular, Flutter, Material UI, XUnit, Nunit, EPPlus, Integration test and Unit test.

### DEVINITION SOFTWARE SOLUTIONS SUPPLIER Aug 2018 - Jul 2019 *ASSOCIATE DEVELOPER*

**Projects**: ITJobs

**Customer**: Holland

**Project Description:** A Website that provides a platform for human resources, headhunter to scan resume and hire employees. Besides the employees can sign up to upload resume and find jobs.

**Team size**: 5

**Responsibilities**:

* Designing database.
* Implementing APIs for web application using .NET framework, .NET Core 2.1.
* Implementing UI for web apps.
* Gathering business requirements.

**Technologies:** .NET Core 2.1, EF core code first, SQL server, Bootstrap, HTML, CSS, JavaScript.

### THAISON TECHNOLOGY DEVELOPMENT COMPANY LIMITED Oct 2015 - Sep 2016 *FRESHER*

**Projects**: eBH

**Customer**: Vietnam

**Project Description:** eBH software supports businesses to make records and perform transactions related to the operations of Vietnam social insurance.

**Teamsize:** 30

**Responsibilities**:

* Developing products about the insurance domain.
* Implementing UI with WinForm application.
* Implementing web services followed SOAP.
* Researching framework of a project.

**Technologies:** C#, Winform, SOAP, XML, XlsIO.

**EDUCATION**

**University Of Science** **2012 - 2016**  
Software Engineering

### NashTech Limited 2019 ASP.NET Core 3.0 Certificate

**Wall Street English** **2020 - 2022**  
Diploma In English Level 14

**SKILLS**

### KNOWLEDGE

* Deep understanding about OOP, SOLID principles, Dependency Injection, ...
* Good understanding about the Agile and Scrum process
* Good understanding software design, database design, RESTful API, ...
* Good time management, presentation and teamwork skills ...
* Basic understanding Docker, Dapper

### FRAMEWORKS & PLATFORMS

* .NET Framework / .NET Core
* ASP.NET MVC / Entity Framework / LINQ to SQL
* ASP.NET Core / Entity Framework Core
* ASP Web API / RESTful API / JSON, XML
* jQuery / Bootstrap / Angular Material
* Angular 2+

### PROGRAMMING LANGUAGES

* C# .NET
* Structured Query language(SQL)
* JavaScript / TypeScript
* HTML / CSS

### DATABASE

* Microsoft SQL
* MySQL
* MongoDB

### VERSION CONTROL

* Git (Git Shell & GitHub)
* Team Foundation Server
* SVN (TortoiseSVN & VisualSVN)
* Sourcetree

### OTHER SKILLS

* Integration test / Unit test
* AutoMapper
* OWASP
* Training & Mentoring