**PHUONG NGUYEN DUY**

**Senior Software Engineer**

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**SUMMARY**

Experienced Senior Software Engineer with six years of expertise in .NET development, database design, and technical support. Proven track record in developing legal, e-commerce, management, banking, and education products. Strong team player with mentoring and code review capabilities.

**EXPERIENCE**

**MANTU**  May 2023 - Present  
***SENIOR SOFTWARE ENGINEER***  
**Project:** ITCS (IT Common Services)

**Customer:** Mantu

**Team size**: Up to 10 members

**Responsibilities**:

* Collaborate with PO and teammates to gather requirements and develop new features.
* Participate as a scrum team member.
* Contribute ideas for product development.
* Support teammates and investigate issues to provide solutions.
* Build UI components and integrate with other teams.
* Maintain legacy systems and implement new features.
* Create CI/CD pipelines.
* Review code and design architecture and databases.

**Technologies:**

* **Back-end:** .NET 6, .NET Framework 4.8, SQL Server, Hosted Services
* **Front-end:** Vue3, Vite, CSS, TypeScript
* **Third-party:** Google APIs
* **Cloud Computing:** Azure (App Services, Monitoring, Pipeline)
* **Testing:** Unit Testing, Specflow

**POSITIVE THINKING COMPANY**  Jun 2022 – May 2023  
***SENIOR SOFTWARE ENGINEER***  
**Project:** McK CostGauge – Diagnostic tool

**Customer:** UK

**Responsibilities**:

* Gather requirements and develop new features.
* Refactor legacy systems and design new project structures.
* Aggregate data and build APIs.
* Assist in planning and estimating sprints.
* Support QC in testing new features and repairing data tests.
* Trade and fix bugs with teammates.
* Implement unit and integration tests to increase test coverage.
* Use GraphQL for data queries and mutations.
* Handle parallel functions with Hangfire and manage Excel files with NPOI.
* Store files using Azure Storage.

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

**SAIGON TECHNOLOGY**  Jul 2021 – Jun 2022  
***.NET DEVELOPER***  
**Project:** Idealpos Portal – POS system

**Customer:** Idealpos –Australia

**Team size:** Up to 7 members

**Responsibilities**:

* Gather requirements and develop system frameworks and modules.
* Refactor legacy systems and design new project structures.
* Build Angular projects and conduct R&D on new technologies.
* Support clients with user guides, initial data tests, and API documentation.

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

**NASHTECH LIMITED** Aug 2019 – Jul 2021

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

**Projects**: TV Benchmarking – Diagnostic tool

**Customer**: Ebiquity - UK

**Team size:** up to 35 members

**Responsibilities:**

* Improve performance for large file imports using caching.
* Review code and design database schemas.
* Sync data from SQL to MongoDB.
* Implement integration and unit tests.
* Follow Scrum methodology.
* Compose technical notes (workflow diagrams, DB schemas, RESTful API contracts).
* Enhance performance.

**Technologies:** ASP .Net Core 3.1 Web API, EF Core, SQL Server, MongoDB, Angular, Material UI, XUnit, NUnit, Aspose, EPPlus.

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

**Projects**: Management System - Internal tools

**Responsibilities:**

* Fix bugs and implement new features.
* Learn company processes and pass exams.
* Implement features satisfying OWASP TOP 10.
* Develop APIs and maintain legacy systems.

**Technologies:** ASP .Net Core 3.1 Web API, Web Socket, EF Core Code First, SQL Server.

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

**Projects**: ITJobs - Recruitment services for IT professionals

**Customer**: TOG Recruitment - Holland

**Team size**: Up to 5 members

**Responsibilities**:

* Design databases and implement APIs for web applications.
* Develop UI for web apps and gather 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 – Social Insurance system

**Responsibilities**:

* Support businesses in making records and performing transactions related to Vietnam social insurance.

**EDUCATION**

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

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

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

**SKILLS**

### KNOWLEDGE

* Deep understanding about OOP, SOLID principles, Dependency Injection
* Proficient in Agile and Scrum processes
* Strong software and database design skills
* Excellent time management, presentation, and teamwork skills
* Basic knowledge of 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
* 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