

CURRICULUM VITAE

Mai Thanh Ngan
Team Lead



Personal Information

Date of birth : 02-Sep-1990
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Skill Summary

More than 10 years of experience in software development

- Strong knowledge with C#, .Net Framework, .Net Core, ReactJS, Next.js, SQL Server, Postgres, MongoDB
- Good knowledge of Databases, Object Oriented Programming, MVC, MVVM
- Good knowledge of AZURE

Technical Skills



OS

Windows



Programming languages

C#, TypeScript, JavaScript



Database

SQL Server, Postgres, MongoDB



Communication & Networks

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Frameworks & Libraries & Services

.Net Framework, Core, Entity Framework, Core



Methodologies & Tools

Visual Studio, Eclipse, Xamarin, SQL Server

Working experience

Project	US_Zenfolio
Company	NashTech
Duration	18-Nov-2019 - present
Project Description	The Zenfolio provides platforms for photographers to easily display, share, and sell their images. Zenfolio serves over 100,000 photographers across the world in every genre from weddings,

	<p>events, portraiture, family, babies, and pets to senior portraits, school & sports, landscape, travel, wildlife, and more.</p> <p>There are 5 work-streams:</p> <p>1. Classic (Go-live): On-going Development and Maintenance.</p> <p>Flagship is Zenfolio 1.0 platform : is a photo hosting and sharing platform offering professional photographers the ability to create a website, manage their photos, market their services to potential clients, and sell a wide variety of products through a custom e-commerce storefront.</p> <p>The technology that the 1.0 platform was built on has begun to limit our capability to grow so that we are on the way building a new platform 2.0 using the latest, best-in-class technologies to deliver a fast, effortless experience to photographers and their website visitors.</p> <p>2. NextZen1: On-going Development. Upgrade Zenfolio to 2.0 platform, building eCommerce features.</p> <p>3. NextZen2: On-going Development. Upgrade Zenfolio to 2.0 platform, building infrastructure and tools.</p> <p>4. PhotoBooker (Go-live): On-going Development & Maintenance.</p> <p>PhotoBooker is an online marketplace that connects you with clients who are searching for photographers in your area. When you sign up to join PhotoBooker, you will need to create your first listing, where you upload your portfolio, your rates, and other information about your photography services.</p> <p>5. Automation. Provide automation test service for all product lines in Zenfolio (UI, API, Performance, Load, etc.)</p>
Project Technology	<p>Sysops: MS Azure, Docker, Kubernetes, Azure Services</p> <p>DevOps: Jenkins CI, Git, Github, JFrog, Nuget</p> <p>Service Applications: .NET Core, c#, EntityFramework Core, Microservices architecture, ElasticSearch, FE: JQuery, backbone JS, Typescript, ASP.NET webforms, SQL server, third party: Zendesk, Salesforce, marketing cloud(salesforce), sendgrid, profitwell</p> <p>Frontend Application: React, Redux, NextJs, Node, Javascript, Typescript</p> <p>Databases: SQL Server, MongoDB, Postgres</p> <p>Storage: AWS S3, Azure CDN</p> <p>External services: Auth0, Google map API, Stripe, Lightroom, Sendgrid</p> <p>Automation: Python, Pytest, Locust, pipev, jsonschema, imgcompare, Selenium, Appium, Allure, hamcrest, SauceLabs, JavaScript, Puppeteer, Java</p>
My Position	Team leader
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks

	<ul style="list-style-type: none"> • Manage team • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing • Priority tasks in detail, support junior Dev to cover come their issues.
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Project	CHI-BAU
Company	NashTech
Duration	05-Nov-2018 - 25-Oct-2019
Project Description	<p>CHI is a software to support (1) tracking treatment schedule, testing result for Doctors and Nurses over the world, (2) uploading testing procedure from patients, and (3) managing all uses of the system.</p> <p>This project is to develop portals to define the workflow to help Nurse and Diagnostic users manage patient information, diagnostic result. It's required to develop Azure webs and integrate to SharePoint Online where users are located on.</p>
Project Technology	.NET, .Net Core, Angular 2+, ASP.NET MVC, Azure, SQL Azure, SharePoint/Office 365, AngularJS,
My Position	Senior Software Engineer
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Incident and bug fixing • Priority tasks in detail, support junior Dev to cover come their issues.

Project	Open University Open Create
Company	NashTech
Duration	02-Apr-2018 - 02-Nov-2018
Project Description	The Open University (http://www.openuniversity.edu/) is a public distance learning and research university, and one of the biggest universities in the UK for undergraduate education. The majority of the OU's undergraduate students are based throughout the United

	<p>Kingdom and principally study off-campus; many of its courses (both undergraduate and postgraduate) can also be studied anywhere in the world.</p> <p>This project, Open Create (OC) will enhance OU capability to build innovative, engaging online learning activities for our students and will transform the learning experience, transforming static printed learning materials into dynamic learning experiences, increasing levels of student engagement, and promoting the development and use of digital study skills.</p> <p>This is and T&M project running with Agile/Scrum model. OU need an ODC at NT to help them drive the solution/architect design and development for thí new Open Create product.</p>
Project Technology	<p>ALPHA: Moodle, PHP, javascript, CSS/HTML</p> <p>BETA: Microsoft Azure Cloud, .NET, Angular 2, CSS/HTML</p>
My Position	Senior Software Engineer
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing • Priority tasks in detail, support junior Dev to cover come their issues.

Project	OpenCreate
Company	NashTech
Duration	Apr-2018 - Nov-2018
Project Description	<p>Open Create (OC) will enhance our capability to build innovative, engaging online learning activities for our students and will transform the learning experience, transforming static printed learning materials into dynamic learning experiences, increasing levels of student engagement, and promoting the development and use of digital study skills.</p> <p>The OU is yet to take full advantage of the new opportunities for online learning afforded by new and emerging technology. Our existing production system (Structured Content) and workflows lend themselves to authoring and production of long-form, print-driven, textual content and are less well suited to creation of online learning tasks. While OC will continue to support the existing Oxygen platform by allowing XML to be exported, OC aims to provide a range of tools that moves the University away from this paradigm.</p>

	<p>The OC Author project will begin to address this issue by developing a new collaborative authoring and production tool not built on Moodle. The project builds upon the experience and lessons learnt from the Driving Disruptive Innovation (DDI) project which demonstrated the opportunities, risks and benefits associated with direct academic authoring: it promoted the development of online learning materials, increased adoption and innovative use of online learning tools, enhanced module team collaboration and increased productivity.</p> <p>The OC Learner project will transform the current tutor led model into a learner centric approach to learning. Allowing students to remix content and collaborate with academics and fellow students to best fit their own personal journey.</p>
Project Technology	Microsoft Azure Cloud, .NET, Angular 2, CSS/HTML
My Position	Senior Developer
My Responsibility	

Project	Acom Saas
Company	Acom
Duration	Jan-2016 - Jan-2018
Project Description	Integrate with COMDATA (http://www.comdata.com/) and WEX (https://wexvirtualpayments.com.au/) for SAAS project, this project is virtual payment solutions using cloud computing services.
Project Technology	C#, WPF, WCF, Windows Service, SQL, InstallShield
My Position	Senior Developer
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing

Project	IO Connector
Company	Acom
Duration	Jan-2017 - Dec-2017
Project Description	Developer "ACOM Connector": using WPF, Windows Service to write app host, service host, Plug-In, Add-on (technologies: WPF, Windows Service, MVVM Model, Linq, asynchronous, APP Domain).

Project Technology	WPF, Window service
My Position	Team Leader
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing

Project	Comdata Mockup
Company	Acom
Duration	Jan-2016 - Dec-2017
Project Description	Developer “Mock project for COMDATA and WEX” this project emulator real COMDATA and WEX system using .NET MVC4.
Project Technology	.NET MVC 4
My Position	Senior Developer
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing

Project	WEX Mockup
Company	Acom
Duration	Jan-2016 - Dec-2017
Project Description	Developer “Mock project for COMDATA and WEX” this project emulator real COMDATA and WEX system using .NET MVC4.
Project Technology	ASP.NET MVC
My Position	Senior Developer

My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing
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Project	EZCM Desktop tool
Company	Acom
Duration	Jan-2015 - Dec-2017
Project Description	Developer “EZCM Desktop tools”: using WPF to write application for website, end user will use this tool to upload files to website and update metadata (technologies: WFP, MVVM Model, Linq, asynchronous).
Project Technology	WPF, Installshield, Windowsservice
My Position	Senior Developer
My Responsibility	<ul style="list-style-type: none"> • Make the detailed designs for assigned tasks • Write code based on detailed designs and Functional/Requirement Specifications • Perform full unit test on the assigned tasks • Create detail design, code, unit test, code review • Implement unit test • Incident and bug fixing

Project	Beauty POS
Company	NewStead
Duration	Nov-2014 - Dec-2015
Project Description	
Project Technology	Xamarin, C#
My Position	Team Leader
My Responsibility	<ul style="list-style-type: none"> • Leader Service Backend Team : using REST service to handle request from Mobile Device (iOS , Android)

	<ul style="list-style-type: none"> • Handle Sync Service Team : using Windows Service to sync data from small database to big database • Support and give solution for development team. • Support business logic to develop with BA Team and Product Owner
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Project	Restaurent POS
Company	NewStead
Duration	Nov-2014 - Dec-2015
Project Description	
Project Technology	C#, Xamarin
My Position	Team leader
My Responsibility	<ul style="list-style-type: none"> • Leader Service Backend Team : using REST service to handle request from Mobile Device (iOS , Android) • Handle Sync Service Team : using Windows Service to sync data from small database to big database • Support and give solution for development team. • Support business logic to develop with BA Team and Product Owner

EDUCATION

2008 - 2012	Lac Hong University