**Mai Thành Ngân**

Software Engineer

|  |
| --- |
| **Personal Information** |

* Gender Male
* Date of birth 2 September 1990

|  |
| --- |
| **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

|  |
| --- |
| **Some Highlight Skills** |

* **Programming Languages**: C#, .Net Framework, .Net Core, ReactJS, Next.js, SQL Server, Postgres, MongoDB
* **Database**: PostgreSQL, MySQL, Redis
* **Unit test**: Xunit
* **Tools:** Git, Jira, Docker, Sentry
* **CI/CD:** Azure CI/CD

|  |
| --- |
| **Education** |

* + Lac Hong University

|  |
| --- |
| **Professional Experience** |

**Project: US\_Zenfolio  
Team leader**

* **Product domain: Digital Media & eCom**
* **Description:**

Provides platforms for photographers to easily display, share, and sell their images. serves over 100,000 photographers across the world in every genre from weddings, events, portraiture, family, babies, and pets to senior portraits, school & sports, landscape, travel, wildlife, and more.

* **Technologies:**
  + Sysops: MS Azure, Docker, Kubernetes, Azure Services
  + DevOps: Jenkins CI, Git, Github, JFrog, Nuget
  + 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
  + Frontend Application: React, Redux, NextJs, Node, Javascript, Typescript
  + Databases: SQL Server, MongoDB, Postgres
  + Storage: AWS S3, Azure CDN
  + External services: Auth0, Google map API, Stripe, Lightroom, Sendgrid
  + Automation: Python, Pytest, Locust, pipev, jsonschema, imgcompare, Selenium, Appium, Allure, hamcrest, SauceLabs, JavaScript

**Project: CHI-BAU  
Team leader**

* **Product domain: Healthcare**
* **Description:**

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.

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.

* **Technologies:**
  + .NET, .Net Core, Angular 2+, ASP.NET MVC, Azure, SQL Azure, SharePoint/Office 365, AngularJS,

**Project: Open University Open Create  
Senior Software Engineer**

* **Product domain: Education**
* **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 Kingdom and principally study off-campus; many of its courses (both undergraduate and postgraduate) can also be studied anywhere in the world.

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.

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.

* **Technologies:**
  + ALPHA: Moodle, PHP, javascript, CSS/HTML
  + BETA: Microsoft Azure Cloud, .NET, Angular 6, CSS/HTML

**Project: Acom Saas   
Senior Software Engineer**

* **Product domain: Virtual payment**
* **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.

* **Technologies:**
  + .NET MVC 4, C#, WPF, WCF, Windows Service, SQL, InstallShield

**Project: Beauty and Restaurant POS   
Team leader**

* **Product domain: FnB**
* **Technologies:**
  + .NET MVC 4, C#, WPF, WCF, Xamarin