

Chanthy Ngin

Software Engineer

thydev.com

nginchanthy@gmail.com

+1 425 365 7821

linkedin.com/in/thydev

github.com/thydev

Languages

C# JavaScript TypeScript SQL

HTML5 CSS3

Libraries - Frameworks

ASP.NET Core Entity Framework Core

Angular Dapper JQuery AJAX

Bootstrap

Deployment

Amazon Web Services/AWS EC2

Microsoft Azure NGINX pm2

Databases

MongoDB MySQL PostgreSQL

SQLite Microsoft SQL Server

Tools - Others

CodePen Postman Git Github

RESTful API JSON ES5 ES6

D3.js SignalR Core MVC

HTTP/S OOP Angular Material

Interests



Professional Experience

Software Design Engineer 2 (Contract)

Microsoft, Bellevue, WA

Aug 2018 - Present

- Build HitApps (Human Intelligent Task Application) on top of UHRS system to enable various human tasks, such as data collection and data annotation. Connect the HitApps with backend quality control system for automatic quality improvement.
- Used:** HTML, CSS, JavaScript, JQuery, C#, Azure, VSTS, UHRS xPlate, Webpack

Production Assembler/Specialist

Genie Industry, Redmond, WA United States

July 2016 - Jan 2018

- Completed sub-assemblies within specific tolerances, assembly of components requiring three or more sub-steps, and use of all hand and power-assisted tools.

Software Developer

Netsoft Cambodia, Phnom Penh, Cambodia

Nov 2008 - Nov 2011

- Delivered a client-server desktop application for a tax consultant to manage business transactions and return printable monthly-yearly tax return forms.
- Built a team of 4 developers and lead the supervision, training, and mentoring of new developers.
- Used:** VB6, VS 2003 – 2005 -2010, VB.net, MS SQL Server, MS Access, HTML, CSS, XML, JQuery, Ajax, Adobe Dreamweaver, Adobe Flash, MS Visio, MS Project, Mercurial, NHibernate, Crystal Report.

Software Developer

AsiaForm Co., Ltd, Phnom Penh, Cambodia

Dec 2005 - Oct 2008

- Delivered a windows application that manages patient data for medical and/or social organizations and creates a dynamic survey which generates reports based on survey data.
- Deployed a VB.NET 2003 windows application and an ASP.NET web application with a SQL Server 2000 database. App manages patients for medical and/or social organizations and can manage pharmacies stock, patient's dispensing, creates dynamic survey and generates statistics reports based on survey data, and forecasts based on medicine consumptions and outputs.
- Used:** MS Visual Studio, VB.net, VB6, ASP, Windows Form, MS SQL Server 2000, MS SQL Server 2005, Crystal Report, HTML Report, HTML, Javascript, CSS.

Side Projects

FunRooms - .NET Core / C# Stack

[Github.com/thydev/funrooms](https://github.com/thydev/funrooms)

Multi-player game that allows user to play with hand gesture games after signing in. This application features a chat room, whiteboard room (allows users to draw or write on board simultaneously), 2 hand - gesture games, and one shooting game.

Responsibilities: Lead the development, design application architecture, making a boilerplate and SingalR samples. EarthDefenders: 1 player 2D asteroid shooter game utilizing Phaser.io game framework. Project deployment with https.

Used: .NET Core 2.1, ASP.NET Core MVC, SignalR Core, sqlite3, ASP.NET Core Identity, third party authentication (Google+, Facebook, Twitter), WebSocket, JavaScript, Phaser.io, Bootstrap 3, jQuery

Wanderlust

[Github.com/thydev/acommerce](https://github.com/thydev/acommerce)

Collaborated with a team of 4 other developers, to complete an e-commerce clone application within one week. Wanderlust allows users to search products by location and activity, using full MEAN Stack technologies. Front-end Angular connected RESTful API services provided by Express.js and MongoDB.

- Third-Party Authentication Login using tokens from Auth0.
- Facial Recognition Login/Registration aided from Kairos API.
- Stripe API for credit card processing to complete orders.

Responsibilities: Lead the development of all backend work; including all RESTful routes, database design, and application architecture. Front-end: Seller Management, Product Management pages.

Used: Node.js, Express.js, MongoDB, Mongoose, Angular 6, RxJS, Angular Material, Bootstrap 4, Auth0, Stripe API, RESTful API, Trello, JavaScript

Educations and Trainings

Certificate of Achievement - Full Stack Web Development

Coding Dojo - Bellevue, WA

Feb 2018 - May 2018

Achieved highest academic rank by passing 3 qualifying exams within 4 hours, earning a minimum score of 95% on each exam.

Master of Science in Information Technology

Bachelor of Science in Computer Science & Engineering

Royal University of Phnom Penh, Phnom Penh, Cambodia