

# Billy Chan

Software Engineer    Birth    24 November, 1978  
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## Introduction

A seasoned software engineer with over 20 years of experience in network admin (\*nix) and web programming (ASP.NET, .NET Core / .Net 5.0, PHP with Yii (MVC) framework). Always look for new challenges and continuous learning on new languages and development techniques. Also a solo game developer with demonstrated success in launching a game project. Now mainly focus on C# with design pattern.

## Work Experience

Konew Fintech

Corporation Ltd    09/2021 – Present    **Analyst Programmer**

- Revamp, design and rebuild the internal software and system using .Net Core with C#.
  - Implement and maintain linux platform application from 3rd vendor.
  - Application support.
  - Develop new reporting services.
  - Develop new Customer Loan call service (Twilio) using C# with .net 5.0.
- Design Patterns for new projects: Adapter, Factory, Builder, Dependency Injection, Observer, Iterator.

Respect Intelligence Ltd    01/2021 – 09/2021    **Software Developer**

- Develop a backend user & team management and security control (backend and frontend) using Node JS, Casbin, Vus js and MongoDB.
- Create test case and documentation using Swagger and mocha.

Midland Holdings Ltd    09/2019 – 01/2021    **Software Engineer**

- Develop new systems using Classic ASP (VBScript), ASP.net Core, C#, Win-form Application, JavaScript, Microsoft SQL Server, MySQL and NodeJS, including the frontend and backend.
- Improve and enhance the existing software.
- Find solutions to make the outdated software compatible with new systems.

Billy Chan Studio    04/2017 – 08/2019    **Founder, Game Developer**

- Develop indie game "Sword of the Guardian" with C# and Unity, which was successfully released on Steam and Nintendo Switch platforms.
- (Outsource project) Become the project lead of a web game platform like nutaku.com (DMM) using Node.js, Lambda and DynamoDB with One-paid payment gateway.

Hunchan Ltd    09/2005 – 03/2017    **Full Stack Developer**

- Manage the ERP system with deployment to both Hong Kong office and China factory and development.
- Build the server using FreeBSD & Apache
- Develop the internal win form application using C# (Function base)
- Using PHP & pgSQL for web application (MVC-Yii framework).
- Make gii plugin to generate form template for fast extend development.
- Familiarize with Yii framework and html2pdf

ArtistHome.net Ltd    02/2002 – 09/2005    **Senior Programmer**

- Develop the investment analysis and report system using C/C++ for capturing stock data, use VB for the frontend, crystal report for the stock report.

Foursea Telecom    01/2000 – 02/2002    **Programmer / Senior Programmer**

- Develop a system for the prepaid IDD Telephone card using C/C++ and Visual Basic 6.0.

**Coventry University (Operated by VTC)**

**BSc (Hons), Creative Technologies, Honor's 1st Class**

Specialization in the fields of multimedia computing, creative computing and marketing, with an emphasis on creative design in software technology

**Chuhai Collage**

**Diploma in Computer Science**

In-depth study in internet technologies, database system and design, mathematics, hardware and software development and analysis, design support and implementation of system of application software

Skills

**Programming Language**

C#, VusJS, NodeJS, C/C++, PHP, Javascript, Visual Basic

**Database**

SQL, Microsoft SQL Server, PostgreSQL, MySQL, MongoDB

**OS**

Windows, FreeBSD, SUSE, Slackware, Ubuntu

**Frameworks / Others**

.Net Core, .Net framework, Winform Applications, Unity, Koa, JQuery, Vue.JS, Yii



Links



[Personal website](#)

[Game Project - Sword of the Guardian](#)

[Interview with TVB](#)