



Gethin Ge

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👤 Male 31 Years old (1990/04) Living in Shanghai-Pudong 9 Years

Personal Advantage

Hi, my name is Gethin, a software engineer which has majored in computer science and a lot of working experience in foreign fin-tech enterprises and famous internet companies like Honeywell, Tencent, etc.

9 years experiences for software development, 6 years experiences with Banking System Development, 1 year for IOS Development, designed, developed, refactored, maintained the Risk System, Card Issue System, Transaction System. Having been build the IOS APP from 0 to 1.

My goal is to be a software architect, I'm good at System Architecture & Refactoring & Design, Technical Research & Selection, Project Risk Identification. I also like research the cloud architect design.

Strong learning capability, efficient communication, agile project management, strong implementation capacity, rapid technology selection is my advantage.

I'm familiar with OOP, SOA, AOP, MVC, MVVM, EDA, BDD, DDD, Micro Service, Cloud Architecture, SPA etc. I value coding standards based on SOLID and know the common styles of Architecture & UML.

I excellent in C#.Net Technology, Proficient in traditional .NET Technology like WCF, WEB API, MVC, WPF & .NET CORE, RabbitMQ, Azure, K8S, Docker, etc.

My Blog: <https://blog.gethin.online/en/about/>

Recent Work

Position: Sr. Software Engineer
Company: GreenDot
Industry: Banking

Highest Degree

Major: Computer Science And Technology
School: Nanjing University of Aeronautics and Astronautics
Degree: Bachelor

Work Experience

2019/6-Present **Sr. Software Engineer** |API,COFO,etc.
GreenDot [2 year and 9 month]
Banking|500-1000|Foreign Comp.(Eur./N.Amer.)

Description: My Responsibility is design, develop and maintenance the code of legacy and baas platform. Like Web, Web API, Transaction System, Secret Credit Card, UBER 2.0, Eureka,etc.

2018/6-2019/6 **Software Engineer** |HPS
Honeywell [1 year]
Computers,Software|ABOVE 10000|Foreign Comp.(Eur./N.Amer.)

Description: HPS department is mainly responsible for Industrial Processing. My responsibility is focus on building the mobile solution for local & global projects. E.g. design & developing iOS app with swift, building the hybrid app like Cordova+Vue, Xamarin, etc. Developing some back-end service with .net core & .net technology.

2015/9-2018/6 **Software Engineer II** |RISK Team
Green Dot Corporation [2 year and 9 month]
Banking|500-1000|Foreign Comp.(Eur./N.Amer.)

Description: As a software engineer of Risk team. My main job is design & developing the risk internal system and integrate the 3rd party system to verify the customer information and control the risk of customer's behavior.

2014/8-2015/8 **Service Software Engineer** |Cloudy BU
China Reading Limited [1 year]
Internet/E-commerce|1000-5000|Private Comp.

Description: Work for the Cloudy BU .Offer solutions for the android and ios developers , Develop and Test the 3G website , Mobile Web and Web Api with C#. As a Software Engineer to give the solutions to the Client like Android and IOS, and Report For Leader.

2013/1-2014/7 **Internet/E-Commerce Software Engineer** |IT Department
Emore Group [1 year and 6 month]
Internet/E-commerce|500-1000|Joint Ventures

Description: As a developer of internal IT department.My responsibility is developing internal systems of company. Such as IMS, management of exhibition.

Project Experience

2022/1-Present **WorkflowShow**

Description: Technology: Vue, C6, WebAPI, Automation Pipeline, T4, Docker, Workflow, Codeflow, Sagas
This project is drive by myself, the inspiration is become form the distributed transaction sagas from the financial architect and low-code platform. workflow show is the workflow engine which could deploy by container and custom designed by UI. And also it support the Sagas.
The project is still demo step for now, it made up by 3 children projects: the SPA Web client which use C6 engine and Vue, the bridge project which based the T4 and transfer script, and the workflow engine project which will auto-generate code by config file and deploy by docker.

Responsibility: The project is build by myself and it still demo for now. The technology skill include Vue, C6, WebAPI, automation pipeline, T4,docker,workflow.codeflow.sagas.I will introduce the detail of this project in my personal blog - blog.gethin.online.

2021/12-Present **Uber 2.0**
Related GreenDot
Company:

Description: Technology: .NET Core

The project is based in the original Uber system to migration to new Baas Platform and upgrade the product. It include the data transfer, transaction integration, new client redo, new register and new transaction processor.

Responsibility: My responsibility is work on the API part, include new register processor, the data transfer and integration on Baas Platform.

2021/1-2021/10 **Eureka SCC**

Related GreenDot

Company:

Description: The product SCC is Secret Credit Card. It is based on the Baas Platform. This project is use for process the Credit Card Business include the transaction system, auto money movement, split the bill, and notify the customer consumption.

Responsibility: I major for develop the scc function like transaction, auto money movement, split the bill and notification.

2020/8-2021/1 **Winback for Eureka**

Related GreenDot

Company:

Description: Technology: VS2019, .NET Core, ActiveBatch

The "Eureka" Product which based on the Company Baas Platform need to migrate the old customers to our new system and post the new cards of new product. The customer could active the new card to use our new product.

This project is based on .net core as the development framework and go through to cover the BI File to PTS protocol file and send them to PTS to make the card, and get the status and card number for register service of internal projects. This system is designed for processing millions of data.

Responsibility: As the leader of this project, my responsibility is for the solution building, research and balance the solution, import the data and integration the code of 3rd party.

2019/6-Present **Gethin's Blog**

Description: Technology: React, Docker, Azure Devops, Kubernetes, Netlify, HUGO, Github Action, Github page.

This project is the blog which use for recording my personal life and technology. It has been 3 version. The blog is driver by HUGO and Github action as CI & CD and host by Github Page.

The 1.0 version is based on Gatsby, and use the Azure Devops as the CI/CD and host by Azure Kubernetes Service. The blog is for summary the personal technology and focus on the cloud native, kubernetes, python, etc

The 2.0 is based on the gatsby, the theme is use tinacms and netlify and the CI/CD and host by Netlify. Based on the React and AKS is hard for personal maintain. life is limit, keep it simple. So the 3.0 based on HUGO & LOVEIT & Github Page.

Responsibility: The project is drive by myself and use for summary the technology and learn for new development skill. For now, I tried use the React, Azure Devops, Kubernetes, Netlify, HUGO, Github Action & Github Page.

2018/10- **ADS Project**

2018/12

Related Honeywell

Company:

Description: Technology: Cordova+Vue, Muti-UI, .Net Core, Docker, RabbitMQ, ORM, Specflow.

Honeywell ADS project is focus on building a whole solution which could push the alarm of Industrial to customers, and show the real-time core message.

The Project use the Event Driver Architecture style and use the docker+.net core+rabbitMQ+websocket to build the back-end service and use cordove+Vue to build the front-end hybrid mobile app.

Responsibility: My responsibility is research and choose the fit mobile solution & build the mobile solution framework & build the C-S Realtime Communication solution & some parts of the permission of service & Message Distribution. I use Cordova+Vue+Websocket to build the mobile h ybrid solution. And .net core + docker + RabbitMQ to build whole services.

2018/6-Present **REFSAAS IOS APP**

Related Honeywell

Company:

Description: Technology: XCode, Swift, Bitbucket, GameKit.

This Project is the mobile APP. As a part of IoT solution, the project should connect to the controller of r efrigerator and get the data of controller, it allow the customers change the data and upload the photo & note, submit the data, preview the data which submit.

This Project include: Connect & Parse the Controller, Customize Layout, Customize Components, Multil evel Menu,Drop-down Refresh, Take and Preview Photos & Notes, Submit Photos & Messages.

Responsibility: Integration Photo & Alarm Function, Write Dynamic Components, development some functions, use the tool to make the app faster & solve the crash issues. Maintain and Refactoring the code of APP

2017/12-2018/6 **Apple Pay Transfer (firewire)**

Description: Technology: C#, WEB API, WCF, mock testing, sql server, team city, visual studio 2017

This project is cooperated with apple to implement apple pay transfer, green dot provide the bank servic e for apple (wave), and our team focus on the risk control.

Responsibility: As one developer of this project, my responsibility is doing some routine maintenance and development work of firewire. And develop the functions which based on business requirement.

2017/4-2017/9 **Integration Idology**

Related GreenDot Corp corporation

Company:

Description: Technology: C#, WEB API, WCF,sql server,visual studio 2013

This project is use for verify the information of customer.we integrate idology for getting the information of customer's documents like passport, ID card.

Responsibility: As main developer, I use the state machine to control the status and use the throttle for diversion. And I integrate 6 internal productions. Cross-stack comments and E2E development.

2016/4-2016/8 **integration mitek to id verification**

Related GreenDot Corp corporation

Company:

Description: Technology: C#, WEB API, WCF, sql server, AngularJS, throttle, state machine, visual studio 2013

The mitek system integration is the whole E2E project. We use the system to verify the the information of customer and make the discussion to choose approval this people or decline. And as the main developer and designer , I designed all of the processing of this system and integrate the render into our system. I introducing the new technology and idea like state machine and throttle and angularJS and web api and so on to make the solution work as well and greatly improve the effectiveness and reduce many bugs.

Education

2009/9-2013/6 **Nanjing University of Aeronautics and Astronautics**

Bachelor|Computer Science And Technology

Description: In College, I learn about higher mathematics, probability, physics, the language of C, C++, Java, C#, microcomputer principle and interface technology, network, database ,operating system ,software development technology and so on.