

ALVIN ANG ZEE QIN

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SUMMARY

Software Engineer with 1+ years of full stack web development experience specializing in .Net and Angular. Skilled in leveraging Azure services to optimize application performance, scalability, and maintainability. Passionate about staying current with emerging technologies and applying them to solve complex problems.

EDUCATION

UNIVERSITI MALAYA (UM)

Sep 2019 – Mar 2023

Bachelor of Computer Science (Artificial Intelligence)

- Pass With Deans Award
- Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Software Modelling, Network Technology Foundation, Operating Systems

TECHNICAL SKILLS

- **Languages:** C#, Java, JavaScript, Typescript, HTML, CSS, SQL
- **Frameworks, Tools and Libraries:** Angular, Asp.Net, Asp.Net Core, WCF, Azure, Visual Studio, SSMS
- **Databases:** PostgreSQL, Microsoft SQL Server

EXPERIENCE

Times Software

May 2023 – Present

Software Engineer

- Developed customization and maintained payroll system in .Net Framework 4.0 to 4.8 with Web Forms, MVC and Web API.
- Develop new module based on given architecture independently and provide full technical documentation for knowledge transfer.
- Refactor SQL query and stored procedure to improve performance and maintainability with CTE and indexes.
- Integrated Azure services with existing application architecture like Key Vault, SQL Server, Storage Blob etc.

Vandewiele Malaysia

Jul 2022 – Nov 2022

Software Engineer Intern

- Implemented microservices solutions using the Clean Architecture principles, ensuring a separation of concerns and maintainability. Applied SOLID principles to create modular and scalable code.
- Frontend development using Angular 14 and Ag-Grid library to create a responsive and dynamic table for Order Module. Implemented state management and utilized RxJS for efficient data handling.
- Designed and implemented robust and secure RESTful APIs using .NET Core Web API, adhering to RESTful principles.

IFast Capital

Jul 2020 – Jan 2021

Software Engineer Intern

- Utilized reusable components to create a responsive dashboard page, login page and other page with Angular 14.
- Actively participated in Agile development methodologies, contributing to sprint planning, daily stand-ups, sprint reviews, and retrospectives.
- Wrote complex SQL queries for data retrieval, modification, and deletion.

PROJECTS

Portfolio ([link](#))

Personal project

- Developed a personal portfolio using Angular 2 as Frontend and .Net Core Web API as backend.
- Implemented authentication for administrators using secret page with JWT token.
- Have blog feature to write blog post using Ckeeditor in the create blog post page which only allowed for administrators.

Food Order & Delivery ([link](#)) (In progress)

Independent Software Development Project (Advanced Level)

- Developed a full-stack web application with Clean Architecture using Angular and .Net Core Web API as backend.
- Applied Domain Driven Design (DDD) principles to model application domain, fostering clear understanding of business requirements.
- Implemented CQRS pattern using MediatR to separate read and write process and speed up performance on read using Dapper.

AWARDS, ACCOLADES & CERTIFICATIONS

- 2020 | Consolation Prize | Programming League UM
- 2021 | First place | Software Modelling Competition
- 2023 | Azure Solutions Architect Expert | Microsoft Certifications