Ng Pin Yuan
Software Engineer/Web Developer

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My Portfolio Website
https://portfolio.pyuan07.online/

Skills

- **C#**
- **ASP.Net / ASP.Net Core Api**
- **Database (SQL, T-SQL, SSMS)**
- **Entity Framework**
- **React, TypeScript/JavaScript**
- **HTML**
- **Redis & RabbitMq**
- **Grafana, Prometheus**
- **Docker, Azure**

- Problem Solving
- Reseach and Development
- Persistent and ready to learn
- Fast learner
- Eager to Learn
- Able to work in team/individually

Languages

Mandarin
Native / Bilingual Proficiency

English
Professional working proficiency

Certifications

**Microsoft Certified:
Azure Fundamentals**
| Microsoft

Certified ASP.NET Developer
| Asia Pacific University of Technology
and Innovation (APU / APIIT)

About Me

Software engineer with 3 years of experience building applications using ASP.NET Core, C#, and React. Holds a Bachelor's degree in Software Engineering from Asia Pacific University. Skilled in building scalable web applications and enhancing internal systems across regional teams. Passionate about AI and committed to continuous learning and staying up to date with new technologies. Adaptable, detail-oriented, and proactive in solving complex challenges.

Work Experience

Software Engineer | Morpheus Consulting Pte Ltd, Singapore

Mar 2023 - Present   2 years | Dodgson Matrix Sdn Bhd, Malaysia

- Engineered and optimized **real-time**, **high-traffic** data pipelines with **Redis** and **RabbitMQ**, achieving sub-second to ~2s latency and high system stability.
- Enhanced in-house business systems and backoffice, improving system performance and reliability, and integrated new business requirements.
- Implemented **observability** with Prometheus, Grafana, and Elasticsearch, plus anomaly detection for proactive incident response.
- Provided production support, troubleshooting and fixing critical and tricky issues (like multithreading & concurrency issue...)
- Transferred to subsidiary (Dodgson Matrix Sdn Bhd) in 2025 and continue the same system development and train new engineers, accelerating team onboarding.

Skills Learned:
ASP.NET Core API · ASP.NET MVC · MSSQL · C# · EntityFramework · Prometheus · Multithreading & Concurrency · React · TypeScript · JavaScript · Grafana · Redis · RabbitMq · Azure ...

Software Engineer Internship & Freelance

Jul 2021 - Jun 2022   1 year | Soft Rock Technologies Sdn Bhd, Malaysia

- Involved in company software design, development, integration and testing.
- **Research & Develop** Smart Factory Website, especially **Recipe Management Module**.
- Learned a lot of useful skills, technologies and knowledge as well as the real- world development life cycle (Agile Scrum) and project structure of ASP.NET Core API, MVC.
- Developed backend with RESTful API and frontend with MVC

Skills Learned:
ASP.NET Core API · ASP.NET MVC · MSSQL · C# · Entity Framework · JavaScript · jQuery ·· Syncfusion UI · Codabix · LINQ · SSMS · Postman · GitHub · ...

Education

Nov 2019
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Nov 2022
3 years

Asia Pacific University of Technology & Innovation (APU)
BSc (Hons) in Software Engineering
- with Frist Class Honours
- CGPA: 3.61/4.0
- Dual Award/Certificate (Asia Pacific University & Staffordshire University)

Personal Projects

github.com/pyuan07

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