

Guywanyatum Pooncharoen (Guy)

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Summary

Experienced software engineer with deep expertise in C# and the .NET ecosystem, focused on building high-performance, scalable systems. Strong background in code optimization, profiling, and real-world performance tuning. Hands-on experience building systems from scratch across every layer, from low-level engines to user-facing UI, has cultivated a well-rounded perspective, providing insights across boundaries that specialists often overlook.

Career history

Independent Software Developer/Founder at LighTL

Apr 2025 - Present (11 months)

Designed and developed an AI-powered novel translation SaaS application from concept to MVP

- Built multi-stage LLM translation pipeline using Microsoft Semantic Kernel and OpenAI APIs with token optimization strategies
- Full-stack Blazor Server (.NET 10) application with PostgreSQL, Stripe payments, and OAuth (Google/Facebook/Microsoft)
- Implemented web scraping system for novel platforms with rate limiting and proxy rotation

Software Engineer/Co-founder at ARAK Software

May 2022 - Apr 2025 (3 years)

Developed a high-performance log management software, from inception to commercialization, in C# (.NET 8, .NET 9).

- Gather requirements from stakeholders and choose architecture, define scope, and design features of the software.
- Develop core engine of the software including indexing algorithm and high-performance log storage and retrieval.
- Create a specialized query language leveraging the latest .NET features for fast index and full-text search capability.
- Develop a node-based web UI allowing users to freely customize log processing pipeline in Blazor.

- Designed and implemented additional software features based on feedback from users and stakeholders.
- Provided technical guidance and training to service teams and customers on software features and functionalities.
- Produce detailed manual documentation for the software.
- Develop a licensing system allow partner to generate activation code for the software with Blazor WASM and Azure static web app (Serverless)

Partner Software Engineer at Global Technology Integrated

Jul 2020 - May 2022 (1 year 11 months)

- Design and develop a web content filtering system on Windows utilizing Windows Service and WinForms in C# (.NET Framework).
- Implemented a POC software that is able to intercept and modify MS SQL queries (MS-TDS protocol) in real-time, as a middleman, for intrusion detection and anonymization in C# (.NET 6).

Software Engineer Intern at Global Technology Integrated

Jun 2019 - Jul 2020 (1 year 2 months)

Design and develop Developed a facial recognition system using C# (.NET Framework) utilizing WinForms and GDI+.

Information Technology Student at Sirindhorn International Institute of Technology

Jun 2016 - Jun 2020 (4 years 1 month)

Design and develop object detection software using C# (.NET Framework).

- Develop an image query system that allows searching for objects by a specific condition.
- Build a custom rendering engine on WinForms using GDI+.

Skills

.Net Core, .NET 6-10, ASP.Net Core, .Net Framework, Prompt Engineering, AI Agent Orchestration, Blazor, GDI+ Winform, SQL

Languages

English, Thai

Education

Bachelor of Science in Information Technology from
Sirindhorn International Institute of Technology
Finished
GPA 3.89

Licences & certifications

TOEIC Certificate
895