

# Kai Taing

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Senior Systems Engineer with 5+ years of experience building scalable backend systems and enterprise applications across finance, e-commerce, and public sectors. Achieved results including 40% fewer system failures, payroll processing accelerated by one week, and reporting cut from 30 minutes to under 5. Skilled in .NET, Python, SQL optimization, and automation, with a focus on modernizing legacy platforms and mentoring teams.

## Skills

- C# | .NET | .NET Core | .NET Framework | JavaScript | TypeScript | Python | T-SQL | LINQ | Dapper | ADO.NET | PostgreSQL | Redis | SQL Server | MySQL | MongoDB
- ASP.NET Core | ASP.NET MVC | Web API | Razor Pages | Blazor | Angular | React | HTML5 | CSS3 | Bootstrap | Tailwind | CSS | jQuery | RESTful APIs | AWS | Azure
- Docker | Kubernetes | GitHub Actions | GitLab CI | CI/CD | OAuth2 | JWT | CORS | Clean Architecture |DDD | CQRS | Microservices | SignalR | Event-Driven Systems
- SAGA | Mediator | Repository Pattern | API Gateway | Kafka | gRPC | WebSocket | SSMS | SSIS | Stored Procedures | PowerShell | WinForms | WPF | xUnit | NUnit | Moq
- Postman | Swagger | Git | Jira | Trello | VS Code | Visual Studio | Agile | Scrum | Code Reviews | Pair Programming | Full-Stack | Backend | Scalable Architecture | Serverless
- AWS Lambda | High Availability Systems – *All professional proficiency or above*

## Experience

<b>Senior .NET Developer - Core Banking</b>	<b><u>Sahakrinpheap Microfinance PLC</u></b>	<i>Phnom Penh, Cambodia</i>	<b>09/2021 - 04/2024</b>
<ul style="list-style-type: none"><li>Architected a biometric attendance tracking solution using ZK Teco devices, accelerating payroll cycles by 7 days.</li><li>Consolidated dual legacy core banking plugins into a unified .NET application, reducing system crashes by 40% and cutting maintenance hours by 20+ hours/month.</li><li>Developed a real-time notification platform via Telegram Bot API, shortening response times and elevating system reliability to 99%.</li><li>Optimized reporting pipelines with SQL indexing and caching, reducing query load times from minutes to under 2 seconds.</li><li>Implemented secure authentication and CORS in web reporting, eliminating 100% of unauthorized access attempts and ensuring compliance with internal IT audits.</li><li>Mentored two junior developers and authored technical documentation to guarantee seamless maintenance and long-term application continuity.</li></ul>			
<b>.NET Full-Stack Developer</b>	<b><u>Pathmazing Inc</u></b>	<i>Phnom Penh, Cambodia</i>	<b>03/2021 - 09/2021</b>
<ul style="list-style-type: none"><li>Engineered Python REST APIs and a custom Odoo ERP interface, streamlining workflows and achieving 99% user satisfaction.</li><li>Integrated Microsoft Teams into Odoo, streamlining in-app scheduling that boosted cross-team meeting adoption by 35% and cut manual coordination by 10+ hours weekly.</li><li>Upgraded Odoo to version 14, enhancing system performance, eCommerce, inventory management, and automation workflows.</li><li>Connected Odoo with ABA PayWay gateway, improving transaction reliability by 30% and enabling smoother processing for 1,000+ monthly payments.</li><li>Launched Khmer Care, a real-time fundraising platform that raised \$70.8K and secured partnerships with 30+ organizations.</li><li>Enhanced the Firearms Metrics Platform, reducing reporting time from 30 minutes to under 5 minutes and accelerating data analysis for 200+ law enforcement personnel.</li></ul>			
<b>.NET &amp; Angular Developer</b>	<b><u>Anakut Digital Solution, Co. Ltd</u></b>	<i>Phnom Penh, Cambodia</i>	<b>10/2020 - 05/2021</b>
<ul style="list-style-type: none"><li>Designed and built a POS system with automated inventory and scale device integration, eliminating manual 99% entry errors.</li><li>Delivered a full-scale Hotel Management System with a real-time booking engine, reducing guest check-in time by 50% and increasing booking efficiency by 30%.</li><li>Constructed a Clinic Management System with scheduling, notifications, and patient tracking, cutting wait times by 45% and improving staff utilization by 20%.</li><li>Orchestrated Odoo ERP setup and customization for an e-commerce solution, enabling real-time order tracking and driving a 15% boost in customer retention.</li></ul>			

## Education

<b>Master of Science</b>	<b><u>Maharishi International University</u></b>	<i>Fairfield, Iowa, USA</i>	<b>04/2024 - 12/2026</b>
<ul style="list-style-type: none"><li>Major in Computer Science</li></ul>			
<b>Bachelor of Science</b>	<b><u>Royal University of Phnom Penh</u></b>	<i>Phnom Penh, Cambodia</i>	<b>11/2016 - 11/2020</b>
<ul style="list-style-type: none"><li>Major in Computer Science</li></ul>			

## Personal Projects

- Optimized Angkor Milk's meal reporting app by refining queries, delivering faster insights for 500+ active users within 2 days.

## Honors

- Khmer Care: Best Project & Team Effort of The Year — Pathmazing Inc (06/2021)