

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, SQL optimization, and automation, with a focus on modernizing legacy platforms and mentoring teams.

Skills

- C# | .NET | .NET Core | .NET Framework | ASP.NET Core | ASP.NET MVC | Web API | Razor Pages | Blazor | LINQ | T-SQL | SQL Server | PostgreSQL | MySQL
- MongoDB | Dapper | ADO.NET | JavaScript | TypeScript | Angular | React | HTML5 | CSS3 | Bootstrap | Tailwind | jQuery | RESTful APIs | SignalR | WebSocket
- Clean Architecture |DDD | CQRS | Microservices | Event-Driven Systems | SAGA | Mediator | Repository Pattern | API Gateway | High Availability Systems | Serverless
- AWS (Lambda, EC2, S3, RDS) | Azure | Docker | Kubernetes | GitHub Actions | GitLab CI | CI/CD | Git | OAuth2 | JWT | CORS | xUnit | NUnit | Moq | Unit Testing
- Integration Testing | Postman | Swagger | SSMS | SSIS | Stored Procedures | Redis | Kafka | gRPC | PowerShell | Visual Studio | VS Code | Agile | Scrum | Jira | Trello |
- Full- Stack Development | Backend Development | Scalable Architecture | Performance Optimization – *All professional proficiency or above*

Experience

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

Education

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

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)