

# Kai Taing

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## Summary

Senior Software Engineer with 4 years of experience architecting and scaling backend and full-stack systems across finance, e-commerce, and public sectors. Mentored junior developers, led cross-functional teams, and translated complex technical solutions into actionable outcomes. Delivered measurable results, including reducing payroll processing time by 7 days, cutting system failures by 40%, and accelerating reporting from 30 minutes to under 5 minutes.

## 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, Redis, Dapper, ADO.NET, Kafka, gRPC, RESTful APIs, Microservices, Event-Driven Systems, CQRS, DDD, Clean Architecture, 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, JavaScript, TypeScript, Angular, React, HTML5, CSS3, Bootstrap, Tailwind, jQuery, SignalR, WebSocket, PowerShell, SSMS, SSIS, Stored Procedures, Visual Studio, VS Code, Agile, Scrum, Jira, Trello, Full-Stack Development, Backend Development, Scalable Architecture, Performance Optimization

## Experience

### Sahakrinpheap Microfinance PLC

Sep 2021 - May 2024

Senior .NET Developer - Core Banking

Phnom Penh, Cambodia

- Automated biometric attendance tracking with ZKTeco devices, accelerating payroll processing by 7 days.
- Consolidated two legacy banking plugins into a single .NET application, reducing system crashes by 40% and saving 20+ maintenance hours/month.
- Implemented real-time Telegram Bot notifications, improving incident response time by 50% and maintaining 99% system uptime.
- Redesigned SQL reporting pipelines, guiding the analytics team to reduce query times from minutes to under 2 seconds.
- Secured systems with authentication and CORS, blocking 100% of unauthorized access attempts and passing IT audits.
- Mentored 2 junior developers through weekly code reviews, reducing onboarding time by 30% and recurring support tickets by 15%.

### Pathmazing Inc

Mar 2021 - Sep 2021

.NET Full-Stack Developer

Phnom Penh, Cambodia

- Engineered Python REST APIs and custom Odoo ERP integrations, streamlining workflows and achieving 99% user satisfaction.
- Integrated Microsoft Teams with Odoo, increasing meeting adoption by 35% and saving 10+ hours/week of manual coordination.
- Upgraded Odoo 13 to 14, improving page load times by 20%, eliminating duplicate records, and optimizing 3 module workflows.
- Connected Odoo with ABA PayWay, enhancing transaction reliability by 30% for 1,000+ monthly payments.
- Launched Khmer Care fundraising platform, raising \$70.8K and partnering with 30+ organizations.
- Optimized Firearms Metrics Platform, reducing reporting time from 30 minutes to under 5 minutes for 200+ law enforcement users.

### Anakut Digital Solution, Co. Ltd

Oct 2020 - May 2021

.NET & Angular Developer

Phnom Penh, Cambodia

- Developed a POS system with automated inventory and scale integration, eliminating 99% of manual entry errors.
- Designed Hotel Management System with a booking engine, halving guest check-in time and boosting booking efficiency by 30%.
- Delivered Clinic Management System with scheduling, notifications, and patient tracking, reducing wait times by 45%.
- Configured Odoo ERP for e-commerce, enabling real-time order tracking and increasing customer retention by 15%.

## Projects

### AI-Powered Portfolio

#### Personal

- Enhanced navigation based on user feedback, boosting session duration by 35% and reducing task steps by 2 for 150+ weekly visitors.

### Angkor Milk Meal Reporting App

#### Angkor Milk

- Coordinated with 500+ users to optimize reporting queries, delivering faster insights within 2 days.

## Education

### Maharishi International University

May 2024 - Dec 2026

Master of Science, Computer Science

Fairfield, Iowa, USA

### Royal University of Phnom Penh

Nov 2016 - Nov 2020

Bachelor of Science, Computer Science

Phnom Penh, Cambodia

## Honors

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