



# Chanchai Thaiyanon

088-313-2513 | [chanchai.thaiyanon@gmail.com](mailto:chanchai.thaiyanon@gmail.com)

Chiang Mai, TH | [github.com/notgub](https://github.com/notgub) | [linkedin.com/in/chanchai-th](https://linkedin.com/in/chanchai-th)

*Senior Software Engineer with 8+ years of experience delivering cloud-native, full-stack, and embedded solutions across HR and manufacturing industries. Specialized in .NET, AWS, and embedded systems. AWS Certified Developer (Associate), passionate about building scalable enterprise systems and modern SaaS products.*

---

## Skills & Proficiencies

- **Backend & Cloud:** C#, .NET, ASP.NET, Node.js, AWS (CloudFormation, CodePipeline, IAM), Docker, CI/CD, Prisma ORM, Entity Framework, LINQ, SQL, DynamoDB
- **Frontend:** Next.js, React, Tailwind CSS, Bootstrap, JavaScript, TypeScript
- **Databases:** MS SQL Server, Oracle, PostgreSQL, DynamoDB
- **Embedded & Hardware:** STM32 (RTOS, I2C, UART, TIMER), Arduino, Raspberry Pi
- **Testing:** Jest, PyTest, TestRail
- **Other:** Python, Go, YAML, LocalStack

---

## Certifications

- **AWS Certified Solutions Architect - Associate** (Issued December 2025)  
Validation Number: [e5ed88550deb46ca85127d4427b26507](#)
- **AWS Certified Developer - Associate** (Issued June 2025)  
Validation Number: [e17c42fa8fa4434892cfd05c1c9da969](#)

---

## Experience

### Nissinbo Micro Device (Thailand) Co., Ltd.

Senior Software Engineer

Lamphun, Thailand

February 2024 – Present

- Develop desktop and mobile applications, handling the entire process from design and development to testing and delivery, with some applications integrating with hardware.
- Collaborate with Japanese developers to deliver a cloud-based healthcare solution for the Japanese market.
- Work with the team to design and develop embedded hardware solutions, including circuit design, PCB layout, and assembly, while being responsible for coding the firmware according to requirements.

### Humanica Public Company Ltd.

Software Developer

Bangkok, Thailand

November 2020 – August 2023

- Developed and maintained enterprise HR and payroll systems serving thousands of employees across large organizations.
- Collaborate with designers, testers, and operations teams to ensure the software meets business requirements and user needs.
- Oversee the migration of legacy applications to modern microservice-based cloud architectures, improving scalability and performance.

### Hoya Lamphun Ltd.

IT Engineer

Lamphun, Thailand

November 2016 – October 2020

- Developed and managed factory-wide web applications to streamline manufacturing processes.
- Designed and implemented an HR system for employee leave and overtime tracking.
- Built an image-processing application using computer vision to eliminate human decision-making.
- Researched and deployed Google Cloud Platform services for industrial automation.

---

## Education

### Khon Kaen University

Bachelor of Engineering in Computer Engineering, 2.51 GPA

Khon Kaen, Thailand

Graduated February 2016