

Jaruvit Sangkaewsirikul

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SKILLS

Programming Languages: Java, Python, SQL, JavaScript, CSS, HTML

Backend & Frameworks: Spring Boot (MVC, REST API), FastAPI, NodeJS

Databases: PostgreSQL, SQLite, MongoDB, MySQL

Cloud & DevOps: Microsoft Azure (Deployment, Identity, Cost Management), Alibaba Cloud, Docker, Git/GitHub

AI-Assisted Development & Tools: AI-Assisted Development & Agentic (Claude Code, Codex, Gemini CLI, OpenClaw, Ollama), Azure AI Foundry (RAG)

Languages: Thai (Native), English (Fluent)

EDUCATION

Khon Kaen University

Bachelor of Science (B.Sc.) | Major: Computer and Information Science | Cumulative GPA: 3.00/4.00

EXPERIENCE

AIAT (Artificial Intelligence Association of Thailand) & Microsoft

February 2026 - May 2026

AI Engineer Bootcamp Participant (Top 50 Finalist)

- Selected as a Top 50 Finalist nationwide for an intensive AI Engineering program, focusing on scalable and enterprise-grade AI solutions.
- Engineered a "Contoso Product Support Assistant" during the Phase 2 Mini-Hackathon, leveraging Microsoft Foundry and RAG architecture to accurately retrieve and synthesize answers from 50 product markdown files.
- Gaining advanced hands-on expertise in Phase 3, including AI Agent development, autonomous workflows, and deploying secure AI solutions utilizing Azure environment.

lablab.ai & IBM - IBM Bob Hackathon: lablab.ai/ai-hackathons/ibm-bob-hackathon/we-are-electric/vision-draft

May 2026

Team We Are Electric - VisionDraft

- Joined the IBM Bob Hackathon by lablab.ai and collaborated with international teammates on VisionDraft, an AI-powered planning workspace
- Built a tool that turns scattered requirements from documents or raw text into structured proposals, diagrams, workflows, risks, open questions, and project-context chat
- Split frontend/backend/testing tasks, and move faster with a multi-agent workflow using custom role configurations, My role was to build the entire frontend, integrating it with the APIs developed by the backend team.

PROJECTS

Senior Project: Gesture-Control Presentation System (2025): gesture-presenter.vercel.app

- Developed a web-based gesture control system integrating Computer Vision (MediaPipe) and WebSocket (Aby) for real-time cross-device communication.
- Implemented adaptive smoothing algorithms to stabilize cursor tracking, achieving an average gesture recognition accuracy of 93.25% for reliable presentation control.
- Designed a scalable architecture allowing users to control PDF slides via webcam or mobile phone, successfully deploying the frontend architecture on Vercel.

Gorilla Menu AI Assistant (2026): github.com/Jaruvit0867/Gorilla-Ai-Assistant

- Developed an AI assistant for employees using Spring Boot, Next.js, and Azure AI Foundry.
- Built secure REST APIs with Spring Security, admin access control, and session-based chat history.
- Integrated Azure AI Foundry's built-in RAG and Index Search to efficiently process complex menu data, enhancing the accuracy of Thai-language responses for customer support.
- Deployed the scalable AI assistant on Azure App Service, integrating Azure AI Foundry securely within the cloud ecosystem to process Thai-language queries.

AWARDS AND CERTIFICATIONS [jaruvit0867.github.io](https://github.com/jaruvit0867)

- Received "Very Good" Award: AUCC CONFERENCE 14th Article ID O-CI-0008 | AUCC (2026)
- Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft (2026)
- TOEIC Score: 800 | ETS (2025)
- Java Programming Fundamentals Specialization | IBM and SkillUp (2026)
- Master Java Web Services and REST API with Spring Boot | Packt (2026)
- Python 3 Programming Specialization | University of Michigan (2026)
- Problem Solving (Basic) | HackerRank (2026)
- Secure & Scalable Cloud Infrastructure with Microsoft Azure | Microsoft (2025)