

Khunaphot Suttanon

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PROFILE: Computer Engineering graduate with hands-on experience in full-stack development, enterprise systems, SQL databases, data-driven applications, and dashboard reporting. Completed a 10-month internship at SCG, contributing to enterprise platforms for workflow digitization, approval tracking, prediction support, and business reporting. Experienced in translating user requirements into practical technical solutions, supporting UAT, documenting requirements, and collaborating with users and stakeholders. Interested in technology, digital transformation, software, data, and IT solution roles where technical skills can be applied to improve business operations.

EDUCATION

King Mongkut's University of Technology North Bangkok

Bachelor of Computer Engineering, GPAX: 3.61 (First Class Honors)

Bangkok Christian College

Computer and Robotics Engineering Program, GPAX: 3.89

Bangkok, Thailand

(2022-2026)

Bangkok, Thailand

(2019-2022)

SKILLS

- **Software Development: Full-Stack** Web Development, Frontend/Backend Development, API Development, Application Support and Troubleshooting, UAT Support
- **Programming & Frameworks:** Python, JavaScript, TypeScript, SQL, Django, Next.js, Express.js
- **Data Analytics & BI:** Microsoft SQL Server, PostgreSQL, Data Querying, Data Cleaning, Reporting, Dashboard Visualization
- **Cloud & Network Infrastructure:** Azure Fundamentals, Cloud Computing Basics, Networking Basics, Docker, Containerizations, Internet of Things

EXPERIENCES

Co-operative Education Internship at SCG | Full-Stack Developer

- Developed and supported Phoenix, an AI-driven material strength prediction platform, and EDOCS, a digital production documentation system.
- Phoenix: Built features for data management, prediction result visualization, model evaluation using RMSE and R², and production reporting.
- EDOCS: Developed digital production forms, approval tracking, reporting, and document management features for manufacturing workflows.
- Built full-stack features across frontend, backend APIs, and Microsoft SQL Server to support enterprise business operations.
- Translated factory requirements into practical platform features, collaborating with users through requirement gathering, UAT, and issue resolution.
- Supported applications, database operations, and deployments, improving data quality, workflow efficiency, and operational decision-making.

Data Analytics & Visualizations | TESA Top Gun Rally 2025

- Designed and implemented a web-based command post dashboard for drone monitoring, mission visualization, and defensive planning.
- Built dashboard UI components to present tracking data, simulation outputs, and operational status in a clear and usable format.
- Collaborated on system integration, prototype testing, and final presentation preparation.
- Contributed to a competition-winning solution that received the Top Score – Command Post Visualization Award.

Personal Infrastructure & Monitoring Lab | Linux, Networking & Home Assistant

- Built a private home server lab to practice Linux server administration, networking, VPN remote access, IoT monitoring, and service reliability.
- Configured Linux services, Docker-based hosting, MQTT integrations, Grafana dashboards, and WireGuard VPN.
- Practiced troubleshooting service availability, VPN routing, MQTT authentication, and network reliability.

Omnichannel Retail Innovation & Digital Solution Design | Makathon – Hackathon by CP Axtra

- Designed a smart retail solution concept involving smart cart checkout, customer identification, product tracking, and payment flow.
- Presented a customer-facing digital solution concept, connecting business pain points with technical features, and implementation feasibility.
- Conducted customer interviews and journey mapping to identify retail pain points and connect technical features with business outcomes.
- Contributed to an omnichannel retail innovation proposal focused on improving customer experience and checkout efficiency.

ACADEMIC PROJECTS

Full-Stack Web Application Projects | myFridge Website & DekHor Portal

- Developed myFridge, a web application for tracking food stock and reminding users about items nearing expiration.
- Developed DekHor Portal, a web application to help KMUTNB students find accommodation, dining options, and community spaces.
- Worked as part of a team using Agile methodology, GitHub, and GitHub Projects for task tracking, automation, and IT project coordination.
- Practiced Full-Stack web development, requirement discussion, team collaboration, and iterative software development workflow.

CERTIFICATIONS

- **Microsoft Azure:** Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft Certified: Azure AI Fundamentals (AI-900)
- **Cisco Academy:** Networking Basics | Introduction to Cybersecurity | Cisco AI Technical Practitioner (AITECH) | Cisco AI Business Practitioner (AIBIZ)
- **The Linux Foundation:** Introduction to Linux (LFS101)

HONORS & AWARDS

- **Hackathon:** Finalist | Makathon – Hackathon by CP Axtra
- **Hackathon:** 8th Place – Hybrid Token-Efficient Routing Agent | AMD Developer Hackathon: ACT II
- **National Award:** Top Score – Command Post Visualization Award | TESA Top Gun Rally 2025

LANGUAGES

- **Thai:** Native proficiency
- **English:** Professional working proficiency | TOEIC 965/990

Scan for Portfolio

