Chinnakrit Sripan

Full-stack Developer

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Education

King Mongkut's University of Technology North Bangkok (KMUTNB) *2021 - 2025*

Bachelor of Science (B.Sc.) in Computer Science

Senior / Special Project: CSLogbook — Full-stack Student Progress Tracking System

Work Experience

Independent / Freelance *Apr 2026 - Present*

AI Automation & Full-stack Developer

- Built end-to-end web applications and automated Python/Node.js data pipelines for independent and contract projects to streamline repetitive manual workflows.
- Managed containerized production deployments on Linux VPS with Docker Compose, Nginx, SSL, and automated CI/CD for reliable continuous operation.

ATIZ Innovation Co., Ltd. *Jan 2026 - Apr 2026*

Front End Web Developer

- Developed and maintained responsive web applications and operational management workflows for booking and business systems.
- Built reusable UI components and integrated frontend with RESTful APIs, including OTP verification and JWT-based session handling.
- Collaborated closely in an agile team to define RESTful API requirements, validate integrations, and resolve technical issues.
- Participated in requirement analysis, feature testing, database query and performance optimization, and production bug fixing across the SDLC.

DEVERHOOD HT. (Product GetX) *Apr 2024 - Jun 2024*

Internship Student - Frontend Developer

- Collaborated with the engineering team on GetX, an enterprise business management platform, following agile workflows.
- Developed and optimized SQL queries to extract and aggregate business data for real-time dashboard displays.
- Connected frontend interfaces with backend services and supported high-reliability API-driven data displays.
- Practiced professional development workflow, communication, and task delivery in a team environment.

Projects

AI Job Search Automation Pipeline *2026*

- Engineered a multi-portal job aggregation pipeline (JobThai, JobsDB, LinkedIn) using isolated browser profiles to collect and deduplicate listings automatically.
- Designed a SQLite persistence layer paired with LLM fit-scoring, ranking, shortlist generation, and Discord webhook alerts to streamline daily screening.
- Deployed the watcher service with Docker and cron on a Linux VPS with cookie/session isolation and automated failure recovery.

CSLogbook - Full-stack Student Progress Tracking System *2024 - 2026*

- Built a web application for KMUTNB Computer Science students and staff to support internship tracking, special project tracking, user management, and activity logging.
- Developed frontend and backend services for authentication, progress tracking, analytics, reporting, relational database design (SQL), REST API integration, and role-based workflows.
- Containerized and deployed production web infrastructure using Docker, Nginx, SSL, Linux VPS, and automated GitHub Actions CI/CD.

Trade Bot for Gold (XAU/USD) *2023 - 2024*

- Developed a Python-based trading bot concept for XAU/USD with a web monitoring interface.

Sport Court Reservation System *2022*

ReactJS, NodeJS & ExpressJS

- Developed a website for sports court reservations, allowing users to schedule their reservations.
- Developed use cases, ER diagram, activity diagram, sequence diagram, and state diagram during the early stage of the project.
- Built core reservation workflow features using ReactJS, NodeJS, and ExpressJS.

Summary & Technical Skills

Junior full-stack developer with hands-on experience building and deploying responsive web applications, backend services, RESTful APIs, and automated data pipelines using React.js, Next.js, Node.js, Python, and relational databases (PostgreSQL, MySQL, SQLite). Experienced in SQL query optimization, API contract integration, authentication workflows (JWT/OTP), Docker containerization, and

agile team delivery. Fast learner with strong computer science foundations, ready to contribute to scalable web applications and digital business software solutions.

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Responsive UI

Backend: Node.js, Express, Python, Go (Golang), RESTful APIs, Backend Services, JWT Authentication, API Integration

Database: PostgreSQL, MySQL, SQLite, SQL Query Optimization, Database Indexing, Schema & ER Design

DevOps: Docker, Docker Compose, Nginx Reverse Proxy, Linux VPS, SSL, GitHub Actions CI/CD, Agile/Scrum

AI Workflow: OpenAI/Anthropic APIs, Structured Outputs, Claude Code, Codex CLI, Prompt Workflows, Automation Pipelines

Tools: Git, GitHub, VS Code, Cursor, Postman, MySQL Workbench, Vitest + Testing Library (basics)

Available for full-stack, backend, contract, and software engineering roles.

Languages

Thai: Native · **English:** Working Proficiency