

ISARIYA

SIRIVEJABANDHU

AI ENGINEER

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 Bangkok, Thailand

PROFILE SUMMARY

Software Engineer with 4+ years of experience building scalable applications. Skilled in developing LLM applications, AI agents, and RAG systems using Python, FastAPI, LangChain, LangGraph, PostgreSQL, and Qdrant. Holds a Master's degree in Computer Science specializing in Deep Learning.

WORK EXPERIENCE

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| <b>Ticketmaster</b><br>Software Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | JUN 2024 - DEC 2025 |
| <ul style="list-style-type: none"><li>Developed and maintained frontend and backend features for a microservices-based ticketing platform across Southeast Asia, including Singapore, Thailand, and the Philippines, using PHP (Yii Framework), JavaScript, HTML, CSS, Bootstrap, SQL, DynamoDB, and AWS while collaborating with cross-functional engineering and business teams.</li><li>Improved engineering team productivity by leading tool transitions from Redmine → Asana → Jira, including board setup, workflow rules, automations, Agile processes, and Confluence documentation.</li><li>Designed and implemented Slack bot and REST API integrations with Jira using Node.js, AWS Lambda, and API Gateway, with automated deployments via GitLab CI/CD and Terraform.</li><li>Migrated infrastructure to Amazon EKS Auto Mode, managed internal services (e.g., Gitea) with Argo CD, and deployed Helm-based applications following GitOps best practices.</li></ul> |                     |
| <b>RS Public Company Limited</b><br>Software Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SEP 2020 - DEC 2021 |
| <ul style="list-style-type: none"><li>Developed and maintained websites for record labels and entertainment brands, including Kamikaze, using custom themes and SEO best practices.</li><li>Resolved production issues and implemented website enhancements to ensure system stability and on-time delivery. Collaborated with designers, content teams, and developers to deliver engaging, user-friendly web experiences.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |
| <b>Pronto Marketing</b><br>Software Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MAY 2019 - AUG 2020 |
| <ul style="list-style-type: none"><li>Developed WordPress themes and converted UI designs into responsive, mobile-friendly web pages using PHP, JavaScript, jQuery, CSS, HTML, and Bootstrap.</li><li>Collaborated with cross-functional teams in an Agile environment to deliver high-quality web solutions.</li><li>Provided technical support and mentored new hires on web technologies and best practices.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |

EDUCATION

2021-2023 | TAIWAN | GPA 4.0

NATIONAL CENTRAL UNIVERSITY

- Master of Computer Science and Information Engineering
- Specialized in Deep Learning.

2014-2018 | THAILAND

KASETSART UNIVERSITY

- Bachelor of Science in Computer Science

SKILLS

Programming: Python, JavaScript, SQL, Node.js, PHP

AI / LLM: LangChain, LangGraph, RAG, LangSmith, OpenAI API, MCP, Qdrant

ML: PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy

Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, Helm, Git, CI/CD

Web: HTML, CSS, Bootstrap, WordPress

Databases & Testing: PostgreSQL, MySQL, Qdrant, PyTest

Languages: Thai (Native), English (TOEIC 805), Chinese (Basic)

AI PROJECTS

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| <b>AI PDF Document Workspace</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GitHub   Live Demo |
| <ul style="list-style-type: none"><li>Built a production-ready RAG backend using FastAPI, LangGraph, OpenAI, PostgreSQL, and Qdrant for conversation-scoped PDF retrieval and cited answers.</li><li>Developed AI agents with tool calling, MCP academic search, reranking, persistent chat history, and human-in-the-loop approval workflows.</li><li>Implemented document lifecycle management, structured logging, LangSmith observability, rate limiting, validation, automated testing, and CI/CD.</li></ul> |                    |

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-C03)
- Certified Kubernetes Administrator (CKA) – The Linux Foundation