

# PAKON POOMSON (DREAM)

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## SUMMARY

AI Engineer at Seagate Technology focused on GenAI automation, RAG, multimodal AI, agentic workflows, and data infrastructure. Builds reliable AI products and backend systems with Python, FastAPI, LangGraph, Qdrant, React/Next.js, PostgreSQL/pgvector, C#, Java, Docker, Kafka/Flink, and CI/CD.

## KEY SKILLS

- AI & ML: LangGraph, RAG, Qdrant, Gemini/Groq/Cerebras, AI Agents, Computer Vision, scikit-learn, PyTorch, SHAP.
- Backend & Data: Python, FastAPI, Pydantic, C#, Java, PostgreSQL/pgvector, IndexedDB, Kafka, Flink, SQL.
- Frontend & DevOps: TypeScript, React, Next.js, Docker, GitHub/GitLab, CI/CD, Vercel, Render.

## WORK EXPERIENCE

### AI Engineer | Seagate Technology | Nakhon Ratchasima

Jan 2026 – Present

- Build multi-agent AI workflows for requirements analysis, debugging, test execution, and pull request preparation.
- Develop C# internal tools for operational control, data collection, and backend system integration.
- Configure VictoriaMetrics and validate Kafka-to-TSDB ingestion pipelines using Apache Flink and Java.

### Full-stack Developer | WANG CORPORATION CO., LTD. | Yala

Sep 2023 – Jan 2026

- Built applied-AI products including CCTV anomaly detection, ASR + LLM meeting summarization, and LLM-powered web data extraction.
- Developed full-stack internal tools using React/Next.js, FastAPI, Directus/Supabase, PostgreSQL, Docker, and REST APIs.
- Delivered production workflows for risk maps, analytics dashboards, health-center queues, maintenance requests, and automated reporting.

## PROJECTS

### Customer Support RAG Triage Agent | LangGraph, Qdrant, FastAPI

- Built a LangGraph/Qdrant triage agent with local embeddings, semantic retrieval, urgency detection, grounded replies, provider fallback, cache, and offline evaluation.

### Receipt AI Expense Tracker | Next.js, Dexie, Zod, Gemini

- Built a local-first receipt tracker with Gemini routing, IndexedDB/Dexie, Zod validation, Thai/English parsing, Buddhist Era date normalization, and analytics.

### AI Resume Matcher | React, FastAPI, Pydantic, Vercel

- Modernized resume matching with multi-provider AI routing, PDF validation, Pydantic schemas, mock mode, safe report rendering, and verified Vercel deployment.

## EDUCATION

B.Sc. in Chemical Technology | Chulalongkorn University, Bangkok

Aug 2017 – Jun 2021