

Zayar Shein

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LINKS

[LinkedIn](#)

PROFILE

High-achieving IT student (Director's List, Top 10%) passionate about developing technical solutions to real-life problems. Proven track record in full-stack engineering, having built a RAG-powered legal AI tool using Python/Django and a commercial quiz platform for Changi Experience Studio using the MERN stack. Skilled in React, Node.js, and Docker. Eager to leverage strong problem-solving skills to build impactful software

EMPLOYMENT HISTORY

Sept 2025 — Present

Software Developer, Temasek Polytechnic

Singapore

- **Developed "JurisAI,"** a specialized legal search engine designed for law firms to streamline case retrieval and analysis.
- **Engineered an AI-powered chatbot** using **RagFlow** (Retrieval-Augmented Generation), enabling users to ask natural language questions and receive accurate, context-aware summaries of complex legal cases.
- **Managed end-to-end deployment** by utilizing **Docker** for containerization and **PostgreSQL** for database management, optimizing the application for scalability and performance.

EDUCATION

Apr 2023 — Apr 2026

Diploma in Information Technology, Temasek Polytechnic

Director's List Award (Year 1 & Year 2)

- Ranked in the **top 10% of the cohort** for academic excellence in two consecutive years.
- **Major Project:** Developed a quiz game website for **Changi Experience Studio** using the MERN stack (MongoDB, Express, React, Node.js).

SKILLS

HTML, CSS

React.js

Node.js

Python & Django

TailwindCSS

RAG (Retrieval-Augmented Generation)

Docker (Containerization)

PostgreSQL / MongoDB

RESTful APIs

LANGUAGES

English

Highly proficient

Chinese

Working knowledge

Burmese

Native speaker

REFERENCES

Chaw Poh CHIA from Temasek Polytechnic

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