

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
<ul style="list-style-type: none">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)	
<ul style="list-style-type: none">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	RAG (Retrieval-Augmented Generation)
React.js	Docker (Containerization)
Node.js	PostgreSQL / MongoDB
Python & Django	RESTful APIs
TailwindCSS	

LANGUAGES

English	Highly proficient	Chinese	Working knowledge
Burmese	Native speaker		

REFERENCES

Chaw Poh CHIA from Temasek Polytechnic
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