

SOH HONG YU

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EDUCATION

National University of Singapore Bachelor of Computing, Computer Science	Singapore Aug 2026 – May 2030
Singapore Polytechnic Diploma, Applied Artificial Intelligence and Analytics - CGPA: 3.97/4.00; 15 Distinctions; 7 As - Singapore Digital Scholarship recipient; Director’s Honour Roll	Singapore Apr 2021 – Apr 2024

EXPERIENCE

Software Engineer GovTech Singapore - Cybersecurity Group - Built React and Elasticsearch dashboards aggregating AWS and Azure security findings across government cloud environments for compliance analysis against IM8 and CloudSCAPE controls - Integrated Terraformer into an automated reverse-IaC pipeline converting deployed AWS and Azure resources into Terraform for automated security-policy scanning	Apr 2023 – Jun 2024 <i>Singapore</i>
Relief Corporate Support Officer Ministry of Education - Automated recurring HR workflows using RPA and VBA, reducing processing time by 67%+ from approximately 3 hours to under 1 hour - Built PDF-processing and web tools supporting teacher evaluation workflows and accessibility improvements for educators	Sep 2021 – Nov 2022 <i>Singapore</i>

PROJECTS

Overcooked IRL Next.js, TypeScript, Supabase - Built and deployed a real-time multiplayer platform serving 80+ participants across 6 concurrent physical game stations - Engineered shared-state workflows for live order generation, validation, timers, scoring and facilitator controls during live event operations	
L.A.R.P. - Localised Amendment Resilience Platform Next.js, Cloudflare R2, LLMs - Built a legal-tech platform tracing regulatory changes through document dependencies to identify affected contracts and internal policies - Designed an interactive dependency graph and human-in-the-loop amendment workflow with impact prioritisation, version comparison and side-by-side AI-generated diffs	
PickMe - AI Product Content Stress Testing React, FastAPI, OpenAI API - Built an AI evaluation platform simulating how shopping agents interpret product listings and surfacing missing or ambiguous information - Shipped the end-to-end MVP at LifeHack 2026, winning the Rezolve AI Consumerism Challenge	

LANGUAGES & TECHNOLOGIES

Languages: Python, TypeScript, JavaScript, Java, SQL
Frameworks: React, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS
Data & Systems: PostgreSQL, Supabase, Elasticsearch, WebSockets
Cloud & Infrastructure: AWS, Azure, Docker, Cloudflare R2, Vercel
AI: OpenAI API, Anthropic API, Gemini API

AWARDS & LEADERSHIP

LifeHack 2026 - Winner, Rezolve AI Consumerism Challenge
NUS Hack&Roll - Most Entertaining Hack (2026); Best Pre-University Hack (2025, 2024)
PolyFinTech API 100 - Champion Singapore FinTech Festival - 1st Runner-Up (2023)
President, Singapore Polytechnic School of Computing Club (2022-2023)