

KING SHELTON

Portfolio: kingshelton.com

COMPUTER SCIENCE STUDENT | FULL-STACK DEVELOPER | SOFTWARE & AI PROJECTS

CONTACT

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SKILLS

- **Languages:** JavaScript, TypeScript, Python, HTML, CSS, VBA
- **Development:** Full-Stack Development, Web Application Development, REST/API Integration, Responsive UI Development
- **AI & Automation:** AI Agents, Workflow Automation, Automation Systems, AI-Powered Applications
- **Frameworks & Libraries:** React.js, Next.js, Node.js
- **Other:** Data Analysis, Process Optimisation, Technical Problem Solving

AWARDS

- Autodesk AI+ML Hackathon CHAMPION – 2026
- NETS Hackathon Participation – 2025
- Director's Honour Award—*Singapore Polytechnic, 2025*
- *Mission X Leadership Certificate – 2024*
- Highest Achiever Award—*GCE, 2023*



PROFILE

Computer Science student at Singapore Polytechnic with a 3.9 GPA and hands-on experience building full-stack web applications, AI-powered tools, and automation systems. Built practical projects ranging from booking platforms to workflow automation, alongside real-world web systems for a business and coding tutoring for students. Strong interest in software engineering, AI, and creating useful products that solve real problems.



WORK EXPERIENCE

Whizz Kidz JUN 2025 - MAR 2026

Computer Science Kids Tutor (Part-time)

- Taught coding fundamentals and problem-solving skills to **50+** international school students.
- Facilitated classroom activities and guided students through Python block-coding projects

JL Engineering and Consultancy Services JUN 2025

Web & Systems Designer

- Built and maintained the company website and Google Business Profile, improving online leads by **~200%**. (jlecs.org)
- Managed HRMS for **15+** employees, ensuring accurate payroll and records.

Independent Shopify Dropshipping Store Store Creator 2024

- Built and launched a Shopify storefront to explore e-commerce operations, product sourcing, and digital marketing.

Tiktok "InfiniteClips0" Content Creator & Strategist 2023

- Grew the account to **41K+ followers**, produced a **7.5M+ view** video, and monetised through creator fund and brand collaborations.



PROJECTS

KNOWCAD INTELLICASE MAR 2026

AI Assistance Bot - Autodesk Hackathon 2026 (RAGGraph, MCP, LLM, Chainlit, AMP, Snowflake)

- Developed **KnowCAD IntelliCase**, an AI-powered case assistance solution that helped secure **Champion** at the **Autodesk Singapore AI+ML Hackathon 2026**.
- Contributed to a workflow using an **orchestration layer**, **session memory**, and **LLM-driven routing** to retrieve structured results from authenticated knowledge sources

CITY BOOKING SYSTEM MAR 2026

Next.js 16, TypeScript, Tailwind CSS, Supabase, Postgres, Auth

- Developed **Lion City Booking**, a production-style **booking web app** with customer booking, slot availability, and admin-side appointment management.
- Implemented a **full-stack workflow** using **Next.js App Router**, **TypeScript**, **Tailwind CSS**, and **Supabase Postgres/Auth**, with responsive UI and server-side data handling.

More projects available in [Portfolio](#) and [GitHub](#)



EDUCATION

Diploma in Computer Science Graduate in 2027

School of Computing | Singapore Polytechnic

GPA: 3.91 / 4.0