

EMPLOYMENT

- **AI Engineer Intern, SAP** **Oct 2025 - Present**
 - Led the development of Excel generation feature for enterprise AI platform serving 5,000+ DAU, coordinating with cross-functional teams to enable Excel generation from conversational AI interactions.
 - Spearheaded resolution of highest-priority production incident affecting document grounding service that was blocking key platform functionality, conducting deep investigations across multiple teams.
- **Software Engineer & Automation Intern, KPMG** **May 2025 - Aug 2025**
 - Led the end-to-end development of an automated ESG Scoring and Evaluation Tool, employing a multi-agentic RAG model implemented with LangChain/LangGraph and MCP.
 - Automated the previously manual client onboarding process by leveraging Power Automate, cutting onboarding time by 95%.
- **Founding Software Engineer, SlideMonkey** **Aug 2025 - Nov 2025**
 - Designed and launched core product features leveraging a multi-agentic architecture for AI-powered automated slide generation.
 - Drove early-stage product development from concept to deployment in a fast-paced startup environment.

SOFTWARE PROJECTS

- **Delta Capita Report Hub: Regulatory reporting assistant for financial services (FYP project)**
 - Led SMU-Delta Capita stakeholder engagement across discovery, reviews, and UAT for RAG-based regulatory reporting chatbot, enabling 94% reduction in ticket resolution time.
 - Architected an advanced production RAG pipeline leveraging hierarchical hybrid chunking and reranking. Validated end-to-end via golden dataset generation and retrieval + generation benchmarking.
- **Surf: Speech-Driven Web Assistant**
 - Developed a desktop application serving users with visual impairments, implementing voice-controlled navigation and real-time speech synthesis to eliminate accessibility barriers in web browsing.
 - Engineered multimodal AI agent system combining OpenAI GPT-4, Whisper, and browser automation to enable natural language web control, processing voice commands into executable browser tasks.

COMPETITIONS & AWARDS

- **Winner:** Rightship-NUS Maritime Hackathon 2025
- **1st Runner-up:** iNTUition v12 2026
- **1st Runner-up:** Nomura Trailblazer AI Challenge 2024
- **1st Runner-up:** HTX x SMU Tech Series Hackathon 2024

EDUCATION

- **Singapore Management University (SMU)** **Aug 2023 - May 2027**
Bachelor of Science (Information Systems, Product Development Track)
 - SMU Merit Scholarship
 - GPA: 4.0/4.0 (Summa Cum Laude)
 - Dean's List (All Semesters)

SKILLS

- **Languages:** Python, Java, SQL, JavaScript, TypeScript
- **Frameworks & Libraries:** Next.js, React, Vue, FastAPI, Flask, SpringBoot, LangChain, LangGraph
- **AI & Data:** RAG architecture, LLM orchestration, vector databases (Pinecone), Power BI, Tableau
- **Cloud & Platforms:** AWS (EC2, S3, RDS, Lambda, VPC, CloudFront, IAM), SAP BTP / AI Core / CAP
- **Tools & DevOps:** Docker, Git, Power Automate, OutSystems, SQL Server
- **Certificates:** AWS SAA-CO3 Associate, OutSystems Associate Developer