

Sanyam Jain

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EDUCATION

Purdue University

Bachelor of Science in Computer Science

2026 - 2030

West Lafayette, IN

Secondary Education: St. Andrews International School Bangkok

International Baccalaureate Diploma Programme

Aug 2020 - May 2026

Bangkok, Thailand

- **IB Diploma Score: 43/45**

- **HL:** Mathematics AA, Physics, Computer Science, Design Technology. **SL:** Economics, English Language & Literature.

EXPERIENCE

AI Automation Consultant

Self-Employed

May 2024 - May 2025

Bangkok, Thailand

- Founded and ran a freelance practice building conversational AI systems for Bangkok restaurants, bars, and hotels, owning the full cycle from client scoping and pricing through deployment and support.
- Built a stateful WhatsApp and LINE reservation bot on n8n with Airtable-backed conversation memory, letting venues take and confirm bookings automatically outside staffed hours.
- Deployed Retell AI voice agents to answer inbound reservation calls, and developed a lead classification pipeline (Make.com, GPT-4o-mini, Airtable) that scores and routes enquiries automatically.

Product Design & Developer

IBM High School Internship

Aug 2024

Bangkok, Thailand

- Designed and built **Yapp**, a public speaking practice app that issues users a random prompt to speak on for at least one minute, then uses a trained LLM to score the delivery against predetermined criteria including intonation and diction.
- **Won Best App** of the internship, selected from 9 teams of high school students drawn from across Bangkok.

PROJECTS

Misty Social Robot - Conversational AI Layer | *Python, LLM APIs, Speech I/O*

Aug 2025 - Dec 2025

- Re-engineered a Misty social robot limited to a fixed phrase bank, integrating a custom LLM layer so it could hold open-ended spoken conversation.
- Bridged hardware, speech interfaces, and model APIs into one real-time loop, handling turn-taking and latency on constrained onboard hardware.

VEX Robotics | *CAD, Mechanism Design, Autonomous Programming*

2022 - 2025

- **2022/23 National Champions** and **3x Runner-Up**; represented Thailand at the VEX Robotics World Championship.
- Moved into a coaching role teaching newer teams how to build competition robots, and how to document their own journey.

Beamline for Schools - CERN | *Particle Physics, Accelerator Simulation*

2024 - 2025

- Competed against teams worldwide to visit and run an original experiment at CERN, the world's largest scientific laboratory.
- Studied particle physics fundamentals and simulated particle accelerator behaviour to design and justify the proposed experiment.

Personal Budgeting Web App | *React, JavaScript, Firebase*

July 2025 - Present

- Built and deployed a live personal finance tracker to replace a manually maintained spreadsheet tracking spending across THB and USD accounts.
- Added a receipt scanner that extracts transaction details from a photo and logs them automatically; currently building direct bank account integration to import debit card activity.

LEADERSHIP & INVOLVEMENT

Founder

MakerSpace Community, St. Andrews International School Bangkok

2024 - 2026

Bangkok, Thailand

- Founded a student maker community from scratch, growing it into an active group with a recurring workshop and hackathon programme; handed it over to a junior cohort who continue to run it.
- Designed and taught hands-on workshops in Arduino programming, circuit building, Fusion 360 CAD, and 3D printing for students with no prior hardware experience.

Event Organiser & Director

Model United Nations

Nov 2025

Bangkok, Thailand

- Directed STAMUN XI, coordinating committee structure, chair assignments, scheduling, and day-of logistics for 150 delegates across 5 committees.
- Prepared committee briefing material and led marketing through Instagram content to advertise the event to schools across Bangkok.

TECHNICAL SKILLS

Languages: Python, Java, SQL

AI & ML: OpenAI API, Claude API, Whisper, RAG, ChromaDB, Prompt Engineering

Automation: n8n, Make.com, Airtable, Retell AI, LINE Messaging API, WhatsApp Business API, REST APIs, Webhooks

Tools & Hardware: React, Firebase, GitHub, VS Code, Arduino, 3D Printing, CAD Design