

# SHIVAMANI JADI

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Junior Computer & Information Sciences student (GPA 3.67) specializing in **agentic AI** and **multi-agent orchestration**. Founder & Principal Architect of **CereFlow**, a 4-layer self-hosted AI framework that runs on user-owned infrastructure. Operated **SSD Studio** with a full AI-driven client automation pipeline, and founded **Build 2 Earn**, a 20-member AI training community delivering a 6-week curriculum I designed. Operating philosophy: *every AI model is powerful enough to solve any problem — the work is finding the right environment to deploy it in.*

## EDUCATION

### Kutztown University of Pennsylvania — Kutztown, PA

Expected Dec 2027

B.S. Computer and Information Sciences · Minor in Data Science · GPA 3.67 / 4.0 · 4x Dean's List · Presidential Scholarship

- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management, Software Engineering, Agile Methods

## EXPERIENCE

### SSD Studio — Founder & Lead Developer

Mar 2024 – Present

- Founded and operated a creative-media studio; designed an end-to-end AI-driven automation pipeline that reduced client booking from manual back-and-forth email and phone scheduling to a **5-minute self-serve flow** via a deployed booking platform ([ssdbooking.vercel.app](https://ssdbooking.vercel.app)).
- Architected a multi-stage automated client lifecycle: instant booking confirmation with privacy / T&C delivery, 2-day and 1-day pre-shoot reminders, day-of notifications, post-shoot follow-up, automated unedited-image delivery within 12 hours, and full edited package delivery within 48–72 hours.

### Build 2 Earn — Founder & Community Lead

2025 – Present

- Founded a **20-member AI training community**; designed and deliver a 20-step / 6-week curriculum that converts AI users into AI power users through weekly live training sessions.
- Continuously research and integrate emerging AI tooling — Google Spark & Omni, Hermes Agent, OpenClaw, mem0 architecture, Roo Flow — and translate them into accessible, actionable workflows for community members.

### Kutztown University & Tau Kappa Epsilon (Xi-Phi Chapter) — Administrative Assistant / Chapter Secretary

Feb 2024 – Present

- Manage scheduling, recordkeeping, internal communications, and the annual report pipeline for a campus office and a 50+ member organization using Microsoft Office Suite and Google Workspace.

## PROJECTS

### CereFlow — Multi-Agent AI Orchestration Framework · Python · Anthropic / Gemini / Open-Source LLMs · mem0

2026 – Present

[github.com/shiva1837/CereFlow](https://github.com/shiva1837/CereFlow)

- Architecting a **4-layer agent system** that deploys to **user-owned infrastructure** (local machine or self-hosted VPS) — keeping all user data inside an isolated per-user database, with no third-party cloud dependency.
- Designing a layered orchestration model: Layer 1 routes goals to downstream layers that analyze user data and inbound signals (e.g., Gmail), draft responses, request user feedback on the first interaction, and act autonomously on subsequent ones through the user's preferred channel.
- Composing multi-agent workflows from **smaller specialized open-source models** rather than a single large LLM — enabling offline operation, per-task model selection, and lower per-call cost. Memory layer modeled on **mem0 architecture** with isolated per-user storage.

### 5-Card Draw Poker Engine & Game UI · Java · JavaFX · Google AI Studio (Stitch, Opal)

2025

- Built a fully functional poker engine with hardcoded Java backend: deck management, hand evaluation, and betting state machine. Designed an interactive 2D game interface in JavaFX, using Google AI Studio's Stitch and Opal to prototype frontend interaction patterns. Roadmap: 3D upgrade using a real-time rendering framework.

## TECHNICAL SKILLS

**AI Systems & Agentic Tooling** Anthropic Claude (Pro + Claude Code), OpenAI GPT, Google Gemini (API, Spark, Omni, Stitch, Opal), Hermes Agent, OpenClaw, mem0, Multi-Agent Orchestration, Prompt Engineering, Open-Source LLM Configuration, Roo Flow, Cursor

**Languages** Python, Java, JavaScript, C++, HTML/CSS, SQL (foundational)

**Platforms & Workflow** JavaFX, Git & GitHub, Vercel, Linux, Google AI Studio, Microsoft Office Suite, Google Workspace

## COMMUNITY & AFFILIATIONS

- **Google Developers Community** — Member, Hudson chapter. Approved to launch the official Google Developer Student Club at Kutztown University in Fall 2026.
- **GitHub Student Developer Pack** — Active member; integrating sponsored tooling into CereFlow's development pipeline.