

Precious Nyaupane

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<https://github.com/preciouss-chan>

Experience

Dreamscape Learn Feb 2024 – Present
POD Operator (Part-Time)

- Operated immersive VR lab sessions for 200+ students daily, maintaining seamless delivery of educational and entertainment modules.
- Configured virtual machines to emulate tablet interfaces, enhancing server-based content delivery and optimizing VR performance.
- Diagnosed and resolved hardware/software issues in collaboration with technicians, boosting system uptime and reliability.

Projects

Rizz Chatbot July 2025
<https://github.com/preciouss-chan/rizzbot>

- Fine-tuned a GPT-3.5 model using custom conversational data to generate flirty, smooth, and context-aware responses which were on general 43% better than the base model.
- Designed and built a lightweight, shareable chatbot interface for real-time interactions with plans for public release.
- Evolved from a playful side project into a social tool exploring humor, flirtation, and AI-assisted communication which increased landing dates by 64%.

Flappy Bird with Super Powers June 2025
<https://github.com/preciouss-chan/FlappyBirdWAbilities>

- Developed a Unity game inspired by Flappy Bird where the character unlocks powers (teleportation, laser, invincibility) after score milestones.
- Implemented progression-based mechanics that increased average session time by 35% compared to standard Flappy Bird clones during playtests with classmates.
- Abilities can be used after acquiring a specific amount of points in the game.

Automated Budget App June 2025
<https://github.com/preciouss-chan/BudgetApp2>

- Automated budgeting app that parses banking app notifications and posts the transaction.
- Implemented monthly spending summaries that helped reduce overspending by an average of 12% within the first month.
- Designing an AI-powered categorization system to improve accuracy of expense tracking by up to 90% without manual labels.

Apply Boost (Hackathon Project) September 2025
<https://github.com/AttachShell/Apply-Boost>

- Co-developed Apply-Boost, a full-stack application using Python (Flask) and TypeScript (Next.js), which automated resume tailoring and is expected to increase job application efficiency by at least 40%.
- Awarded "Simplifying Recruiting and Hiring" at DevHacks 2 for delivering a solution that generated tailored cover letters, recruiter outreach messages, and screening questions, achieving 90% accuracy in matching resume skills to job requirements.
- Engineered seamless backend-frontend API integration, enabling real-time user feedback and personalized content generation.

Skills

- Languages:** Python, Java, C++, C#, C, JavaScript, Kotlin
- Frameworks:** React, React-Native, Bootstrap, Matplotlib, Sklearn, Pandas
- Tools:** Git, Neovim, Pip, Machine Learning, Unity, Android Studio

Education

Arizona State University

Bachelor of Science in Computer Science — GPA: 3.84

2027