

ROHAN JOSE

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EDUCATION

Bachelor of Science in Information Technology and Management

Minor in Computer Science

ILLINOIS INSTITUTE OF TECHNOLOGY

Aug. 2019 – May 2024

SKILLS

Java | Python | SQL | Cybersecurity | Steganography | FTK Imager | E3 | Swift | JavaScript | ReactJS | HTML | CSS | Network setup | Linux | IBM Watson IoT | Indigo Astronomy | Database | Assembly | Unreal Engine 5 | Blender | PowerShell | **Certified IBM Open Project Developer**

EXPERIENCE

Lumos – Co-Founder & Creative Director

Jun. 2024 - Present

- Co-led the re-founding and restructuring of a fintech startup, developing an enterprise personalized wealth management AI tool for RIAs, MNIs, and financial advisors serving Small to Medium-Sized Businesses.
- Spearheaded the creation of a new brand identity, including a custom typeface and logo, to enhance user-friendliness for non-tech-savvy clients
- Engineered an LLM-powered platform that processes, analyzes, and queries vast amounts of unstructured data, boosting productivity by 40%, time saved by 2-3 weeks, and saving millions of dollars in company expansion.
- Pivoted the business model from AUM-based charging to a subscription model, aligning with the new user-centric approach.

Haiyaa Games – Co-Founder

Aug. 2024 - Present

- Spearheaded the conceptualization of a new game studio, collaborating with three team members to establish the company's vision, target audience, and product pipeline for innovative, immersive story-driven games for VR for Meta's open-source Horizon OS.
- Executed creative direction using Krita for finalized concept art and Blender for completed character designs, establishing a distinctive art style, crafting detailed map blueprints, and implementation of clean minimalist UI that maximizes player immersion.
- Drove the project from concept to pre-Alpha stage, with the first project slated for 2024 holiday season release featuring innovative game mechanics in **Unreal Engine 5**, including a time-travel and a shadow control feature.

The Cognitive Telescope Network (CTN) – Project Developer and Cloud Lead Architect

Aug. 2021 – Dec. 2021

IBM Watson® IoT Platform - Collaborative Open-Source Project between multiple colleges using IBM's Watson IoT platform to interconnect telescope views from equipment connected to a global network while preventing telescopes from damaging themselves during positioning.

- **Certified IBM Open Project Developer**
- **INDIGO Astronomy** - Implemented front-end UI code in Swift ensuring ease of access for users of INDIGO Astronomy software on iOS platform and frameworks and customizing it per requirements.
- **IBM Watson and Cloud Lead Architect** - Worked within a team of 30-35 students across Software Engineering and QA Testing
- Worked on iOS 11.x and Xcode 13.x
- Developed graphical concepts for UI Team ensuring consistent look and feel across the UI.

Rehabilitation Engineering- Lead Software Engineer

Aug. 2022 – Dec 2022

Chicago Adaptive Sports and National Wheelchair Basketball Association - Part of a team of 4 constructing a proof of concept of an assistive power device for wheelchair basketball players.

- Designed an electronic system on a raspberry pi that controls the speed and direction of a wheelchair.
- Designed and developed a 3D printed to-scale replica of the wheelchair hub that would allow autonomous operation via the electronic system and attached motor.
- Designed a proof of concept of a 50% reduction in costs of current wheelchair designs with added electronic QoL and safety features.
- **Chicago Skyhawks and U.S. Women's National Wheelchair Basketball Team** - Interviewed professional wheelchair basketball players from Chicago's most successful team, as well as a player from the Women's National Team firsthand on how best we can make their livelihoods easier and more affordable and accessible for kids aspiring to play sports at the national level.

KamalTech, Inc. – Senior Network Engineer

May 2022 – Aug. 2022

- **Chicago City Hall** - Maintained and ran broadcast systems of livestreaming, camera, internet, and online meeting infrastructure of key important meetings and official hearings, allowing millions of Chicago residents free access while maintaining rigid internet security.
- **Chicago O'Hare Airport** - Configured and set up Logitech controls and telemetry for Microsoft Flight Simulator systems for free public use at the airport to help inspire kids to become pilots with a seamless and first-hand experience.
- Managed and administered policies, access control, and intrusion detection systems.
- Performed network vulnerability and penetration tests, identifying, and defending against threats, and developed disaster recovery plans.
- Set up, managed, and maintained internet, communication, network, and camera and network security systems across various locations.
- Effectively communicated with all levels of various businesses to meet their personalized security issue needs and have them successfully met.