

# GOUTHAM SRINATH.K

Bangalore, Karnataka

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## SUMMARY

Enthusiastic Computer Science undergraduate with a specialization in AI/ML, experienced in VR/AR development, LLMs, and generative AI. Skilled in designing immersive applications and solving real-world problems through innovative solutions. Proficient in Unity, Python, FastAPI, and Flutter, with a strong background in project management, research, and prompt engineering. Passionate about leveraging technology for education, healthcare, and entertainment. Proven track record of leading multidisciplinary projects, including AI-powered LMS, VR moot courts, and AI-driven healthcare platforms. Actively pursuing opportunities to contribute to cutting-edge developments in AI and immersive technologies.

## EDUCATION

**Sathyabama Institute Of Science and Technology**  
B.Tech - CS with AI/ML Specialisation - CGPA - 7.9

2022 - 2026  
Chennai, Tamil Nadu

## COURSEWORK / SKILLS

- |                    |            |             |                      |
|--------------------|------------|-------------|----------------------|
| • Machine Learning | • AR/VR/MR | • Designing | • Prompt Engineering |
| • Unity            | • LLMs     | • Langchain | • Research           |

## PROJECTS

### **MootVR** | [Unity, Blender, 3D Gaussian Splatting, Photon](#)

- Developed a VR project using Cardboard VR, enabling law students to participate in live mock trials within a fully immersive courtroom simulation.
- Provided an interactive platform for students to practice legal procedures, improve their courtroom skills, and engage in realistic, hands-on legal experiences.
- Leveraged Photon for real-time multiplayer features, allowing multiple participants to collaborate or compete in the mock trial environment.

### **EduQuest** | [AI, LLMs, Gamified Learning](#)

- Created an AI-powered LMS to reduce dropout rates, featuring a voice-based chatbot (GEMMA2 with RAG), LAMA 3.1 for quizzes, and LLaVA for handwritten answer evaluation.
- Integrated Python (FastAPI), Flutter, MongoDB/Surreal for backend, frontend, and storage.

### **AI-Generated Live Presenter (Voice-Vista)** | [GPT and Dalle APIs and Stable Diffusion](#)

- Designed a GenAI system to generate synchronized video presentations with enhanced content delivery using generated images.

### **EngageBot** | [LLMs, Hugging Face, ML, Fast API, Meta API](#)

- Built a bot using LLMs for personalized responses and interactive engagement across social media platforms and websites, catering to influencers, organizations, and companies.

### **Health-Intellect** | [Gemini API, Flutter, Firebase](#)

- Revolutionized healthcare by integrating AI-driven solutions for secure medical record management using unique IDs to ensure privacy, enabling seamless online consultations.
- Leveraged Gemini AI for personalized health insights, optimizing efficiency, and enhancing the overall patient experience with a unified platform for medical services.

## EXPERIENCE

### **InnoXR Labs**

Developer

07/2024

Chennai, India

- Built various products such as AR/VR-based solutions, chatbots, and AI-powered applications.
- Led the development of innovative AI-powered tools, including the Influencer Bot, AR & VR Building, VR Education, AR Product, and Voice to Video services at InnoXR Labs.

## TECHNICAL SKILLS

**Languages:** Python, C++, C Sharp, Flutter, HTML

**Technologies/Frameworks:** APIs, Hugging Face, LLMs, Photon, Unity SDKs, Django, Firebase, Langchain, FastAPI

**Developer Tools:** VS Code, PyCharm, Unity, Unreal Engine, Blender, Canva, Figma

## ACHIEVEMENTS/AWARDS

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- 1st Place in Hackathon SIST 2k24 [!\[\]\(467d80e979964f7f8c752fb22248b5b7\_img.jpg\)](#)
- 2nd Place in Ideathon [!\[\]\(b71552d33dbf62adf5e5199a70ee02bf\_img.jpg\)](#)
- Prize Winner at INVENTE 2k23 [!\[\]\(03134b765d1473836ff001925b1b0550\_img.jpg\)](#)
- Nominated by my college for SIH 2023 and 2024
- Submitted a Project for Google Solution Challenge [!\[\]\(aed6947356668967079310026052edc0\_img.jpg\)](#)

## CERTIFICATIONS

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- Unity Certified Associate - Game Developer [!\[\]\(31b03e46ee8a80a1f1467b8c03bd76e8\_img.jpg\)](#)

## EXTRACURRICULAR ACTIVITIES

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- **Chair of Technology Hub SIST:** Conducted classes on AR & VR and mentored students in various domains.
- **Technical Member of GDSC SIST:** Contributed to projects and workshops in the club.
- **Management Member of ACM SIST:** Managed events and promoted computational learning.
- **Tamil Nadu State Design Lead of YUCI:** Led a specialized core group driving major initiatives across Tamil Nadu.
- **Member of Innovation Club SIST:** Participated in brainstorming and prototyping innovative solutions.
- **Technical Member of Hack SIST:** Organized and supported technical hackathons and related events.
- **Management Member of OWASP SIST:** Promoted cybersecurity awareness and managed club events.