

# Raghav Suri

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## EDUCATION

### CHRIST (Deemed to be University)

Master of Science (AI ML)

Bangalore, Karnataka

July 2023 – Present

### Jain University)

Bachelor of Computer Applications, Artificial Intelligence, Distinction

Bangalore, Karnataka

March 2020 – May 2023

## EXPERIENCE

### AI Intern

Unacademy

Jan 2025 – Present

Bangalore, Karnataka

- Developed and deployed a scalable metadata extraction pipeline for Spotdraft CLM contracts, enabling ongoing automated extraction via webhooks and Google Cloud Functions for real-time audit report population; processed initial corpus of 95,000 documents with 98.5% accuracy.
- Developing a scalable legal AI platform, leveraging Next.js (TypeScript, Tailwind CSS) frontend and FastAPI (Python) backend, integrating Google Cloud Platform (Firestore, Storage, Vertex AI/Gemini API) for features including AI-powered contract analysis, legal research, and chat functionalities with role-based access control and JWT authentication.
- Implementing key features for the legal AI platform, including: AI-driven contract comparison and analysis, context-aware legal chat with document search and citation support, comprehensive document management with version tracking, and secure user management with JWT-based sessions and bcrypt password hashing.

### AI Intern

Botlab Dynamics, Research and Innovation, IIT Delhi

May 2023 – June 2023

New Delhi, Delhi

- Implemented state-of-the-art techniques for decentralized and centralized path planning for drone swarms (size: 500-6000)
- Automation & Scalability:** Automated collision avoidance, reducing manual effort and enabling swarm scaling from thousands to 5000+, saving 200+ hours per project.
- Created a plugin for Blender integrating GPT-4 for automating design tasks using Blender Python, potentially saving 100s of Designing team hours monthly
- AI-Powered Design Automation:** Created a Blender plugin using OpenAI API to streamline design workflows, significantly cutting design time, and collaborated with researchers from Stanford and TU Berlin on swarm intelligence innovations.

### Junior Data Scientist

Next Growth Labs

Jan 2023 – April 2023

Bangalore, Karnataka

- Developed and deployed **ML-driven automation solutions for Google Ads optimization, fraud detection, and SEO analytics.**
- Built predictive models to enhance ad performance and automated app review responses with NLP. Designed an **intelligent data scraping system**, eliminating manual effort.
- Implemented **fraud detection techniques to safeguard ad spend, saving \$100K+**. Streamlined lead generation and SEO pipelines by automating data preprocessing and model selection, significantly improving efficiency.

## PROJECTS

### Realtime RAG from Google Drive | *Streamlit, Llama, Groq, Redis, Docker, Google Drive API*

[Source Code](#)

- Developed a real-time RAG system for querying Google Drive documents using LLaMA3 (70B), integrating sentence splitting, HuggingFace embeddings, Redis vector store, and Google Drive API for efficient document ingestion and LLM-powered interactions.

### Christ AI Parking Management | *Ultralytics YOLOv8, OpenOCR, OpenCV, streamlit, sqlite3*

[Source Code](#)

- Developed an AI-powered parking management system using YOLOv8 for vehicle recognition and automatic number plate detection, with a Streamlit frontend and SQLite database. Currently being integrated into security pipelines for automated vehicle approval, rejection, and guest management, optimizing security operations.

## ACHIEVEMENTS

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Best Paper Award for “Benefits of Integer-Only Arithmetic for Inference in GPT Models” at (ICRDSTEM), Bengaluru 2023 (1st Author)

Trinity College London Guildhall Distinction [Communication Skills 3, Speech and Drama 3, Performing Text 2]

Runners UP - IT Manager Event at Revelations 2024, Christ University

## LEADERSHIP EXPERIENCE

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<b>Event Head - IT Manager Gateways</b> <i>Christ University, Bangalore</i>	Sep 2024 – Present
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<b>Corporate Relations Head</b> <i>Samashti Student Council, Jain University, Bangalore</i>	Nov 2020, Nov 2021
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## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, SQL

**Web Technologies:** HTML5, CSS3, Next.js, TypeScript, Tailwind CSS

**Frameworks, Libraries & Data Science:** OpenCV, TensorFlow, Scikit-Learn, Pytorch, Matplotlib, Seaborn, Streamlit, Flask, Tableau, FastAPI, OpenAI API, NLP, LLaMA3, HuggingFace embeddings, Ultralytics YOLOv8, OpenOCR

**Developer Tools:** Docker, Git, Blender, Blender Python, Google Cloud Functions, Google Drive API, webhooks

**Database & Cloud:** Redis, Neo4j, MongoDB, MySQL, Google Cloud, AWS, Google Cloud Platform (Firestore, Storage, Vertex AI/Gemini API, Cloud Run/Functions), Groq