

Gurugram, Haryana
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- A detail-oriented and passionate Computer Applications graduate with a strong foundation in backend development and Android app engineering. Experienced in building scalable backend solutions using Python and Flask, and delivering native Android apps with Kotlin. Currently contributing to AI-powered enterprise solutions at Cubastion Consulting. Gold Medalist from Amity University with published IEEE research, and certified in Generative AI by Google. Open to opportunities in backend and Android roles.

- **Manipal University Jaipur (Online)** Jaipur, Rajasthan
Master of Computer Applications (MCA) 2024 – 2026
- **Amity University Gurugram** Gurugram, Haryana
Bachelor of Computer Applications (Gold Medalist), CGPA: 9.41 2021 – 2024
- **Shri Jain Public School** Bikaner, Rajasthan
Senior Secondary Education 2019 – 2021
- **Bikaner Boys School** Bikaner, Rajasthan
Higher Education 2005 – 2019

- **Cubastion Consulting** Gurugram, Haryana
Software Developer (GTE) & Intern Aug 2024 – Present
 - **GenAI Chatbot Backend (RAG):** Developed a scalable backend using **Python** and **Flask** for a Generative AI chatbot that helps internal employees resolve technical queries by referencing internal documentation.
 - **System Architecture:** Implemented a Retrieval-Augmented Generation (RAG) pipeline leveraging **LangChain** and **LangGraph** to combine semantic search with **Azure OpenAI** responses for context-rich answers.
 - **Document Search and Indexing:** Ingested large volumes of technical manuals into **Azure Blob Storage**, then indexed them for high-performance search using **Azure AI Search** to enable real-time, relevant document retrieval.
 - **API Development:** Built secure and low-latency REST APIs to connect internal tools with the chatbot, applying role-based access control and ensuring high concurrency.
 - **Deployment & Monitoring:** Containerized services using **Docker** and set up automated CI/CD pipelines. Monitored performance and logs to ensure uptime, reliability, and efficient issue diagnosis.
- **Pelagian Softwares** Bikaner, Rajasthan
Android Developer Intern Jun 2023 – Aug 2023
 - **App Development:** Built a native Android application from scratch using **Kotlin**. Published to Play Store.
 - **Camera & Permissions:** Integrated camera functionality and managed dynamic permissions across Android versions.
 - **Backend Integration:** Connected application to server APIs ensuring seamless data sync and error handling.
- **Sunarc Technologies** Bikaner, Rajasthan
Software Developer Intern Jul 2022 – Sep 2022
 - **Full-stack Mobile App:** Developed an Android app integrated with a Python **Flask** backend.
 - **Custom APIs:** Built and documented RESTful APIs in Flask for communication with the mobile app.
 - **Image & Camera Handling:** Implemented camera APIs, handled permissions, and managed offline data with **Room DB**.

- **Amipi: Artificial Intelligence Based Humanoid Interface:** Published at IEEE Conference, Awarded Best Paper.
[Link](#)

PROJECTS

- **Mitsubishi Fuso - GenAi Chatbot:** Working on a GenAI-based chatbot for Mitsubishi Fuso to automate support and documentation lookup.
- **Brain Tumor Detector:** Machine Learning model to classify tumor using image data. GitHub
- **AI-based Mario Game Agent:** Reinforcement Learning for Mario. GitHub
- **Fine-tune Stable Diffusion:** Image generation project with custom data. GitHub
- **Memories - AI Photo Gallery:** Android app to auto-cluster images using face detection.

CERTIFICATIONS

- **Introduction to Generative AI (Google):** Oct 2023
- **Introduction to Large Language Models (Google):** Oct 2023

ACHIEVEMENTS

- **Lightning Award - Cubastion Consulting:** Recognized for exceptional contribution to backend GenAI chatbot architecture
- **Best Research Paper Award:** IEEE Conference 2023, for research paper "Amipi: AI-based Humanoid Interface"
- **Gold Medalist, BCA:** Awarded for securing the highest GPA (9.41) at Amity University Gurugram, 2024

PROGRAMMING SKILLS

- **Languages:** Python, Kotlin, Java, SQL
Frameworks: Flask, Django, Jetpack Compose, LangChain
Tools: Azure OpenAI, Pandas, NumPy, REST APIs, Room DB