

## Contact

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## Top Skills

LangChain  
Large Language Models (LLM)  
rag

# Ayush Tyagi

Ai developer  
Delhi, India

## Summary

Passionate Problem-Solver | React Native & Unity Developer | AI & LLM Tools Explorer

Hi, I'm Ayush Tyagi, a B.Tech candidate at JIMS (CGPA 8+) who loves turning ideas into working products. I enjoy building at the intersection of mobile apps, game mechanics, and AI-powered LLM/RAG systems.

### # Key Projects

- Ayush's Personal RAG Assistant – AI Chatbot with Context Retrieval

Designed a custom chatbot that uses Retrieval-Augmented Generation (RAG) to fetch relevant information dynamically and generate accurate, context-aware responses.

Includes:

- Keyword detection + embedding search
- LLM-based natural language interpretation
- Smart prompt construction and response formatting
- Future plan: Plug-and-play tool calling for database operations

- Delivery Car Game – Unity 3D

A physics-based game where the player picks up one package at a time, speeds up using triangular boosts, and slows down on collision. The car turns green when a package is picked up.

- PlacePicker – React Web App

A lightweight app that saves and updates user-selected places in localStorage with instant UI sync—clean, fast, and minimal.

## Experience

- Software Developer Intern – Tara Application (Sep 2023 – May 2024)

- Built new features in React Native & Android Studio
- Improved app performance and UI responsiveness
- Collaborated using Git/GitHub, fixed bugs, and optimized workflows

## # Tech Stack

Frontend & Mobile: React Native • JavaScript • Android Studio  
Game Development: Unity • C#

Backend & AI: Firebase • Node.js (learning) • RAG Pipelines

LLM Skills: Prompt Engineering • Tool Calling • JSON-based action handling • Context Injection

Other Tools: Git/GitHub • Photoshop • Tableau • HTML/CSS

## What I'm Learning

Building scalable backend services for real-time updates

Clean architecture in Unity for large game systems

Advanced LLM workflows (RAG, tool calling, agentic patterns)

## Career Goal

To join an innovative team where I can craft AI-enhanced mobile apps or engaging games, integrate smart LLM features, and continuously upgrade my technical depth.

## Let's Connect

I'm always up for discussing ideas, debugging code, or chatting about music & long drives.

Reach me at [tyagiayush239@gmail.com](mailto:tyagiayush239@gmail.com)

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## Experience

Intensity Global Technologies Limited

AI Developer

August 2025 - Present (5 months)

India

Tara Applications

Software Developer

November 2024 - March 2025 (5 months)

Game Development: Designing and creating engaging gaming experiences.

Unity Development: Developing immersive games and applications.

Graphic Design: Proficient in Photoshop for creative designs.

Web Management: Overseeing website development and maintenance.

Email Marketing: Crafting and executing effective campaigns.

AI Tools Expertise: Utilizing AI technologies for innovative solutions.

Android Development: Building and optimizing mobile applications using Android Studio.

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## Education

Guru Gobind Singh Indraprastha University

Bachelor of Technology - BTech, Computer Science · (November 2021 - May 2025)

Vivekanand School

High School Diploma, Science · (March 2021)

Jagan Institute of Management Studies (JIMS)

Bachelor of Technology - BTech, Coding · (2022)