Pankaj Singh Parihar

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# Professional Summary

I am a dedicated AI Engineer with over 2+ years of experience. Eager to contribute technical expertise and enthusiasm to a dynamic software development team, with a keen interest in developing scalable and efficient applications.

# Professional Experience

**AI Engineer** (edquest) **Gurugram, Haryana** 03/2023 - present

* Developed AI-powered solutions, including interactive learning platforms and personal assistant chatbots.
* Proficient in implementing **Retrieval-Augmented Generation** (RAG) architectures and leveraging Large Language Models (LLMs) to create natural and adaptive user experiences.
* Demonstrated ability to build automation workflows and MCP (**Model Control Protocol**) servers for seamless integration with platforms like GitHub, Gmail, and LinkedIn.
* Skilled in a range of technologies including Python, LangChain, LangGraph, and cloud platforms, with a strong interest in Generative AI, **AI Agents**, and automation.

# Projects

## AI Tutor

* Developed an AI tutor with **RAG** for interactive learning from uploaded materials, featuring Q&A and auto-scored quizzes. Leveraged **LLMs** and voice agent to provide natural, adaptive, and engaging personalized learning experiences.

## Task Master

* + "Task Master" is a **LangGraph-based personal assistant chatbot** that dynamically builds user profiles through conversation. It maintains and updates both the user's to-do list and profile based on their interactions.
  + Used **AI Agents** to decide whether to update to-do-list or user’s profile.

## MCP SERVERS

**GitHub MCP SERVER:**

* + Developed an MCP server for conversational GitHub management via Claude AI. Users could clone repositories and manage files using chat commands.

## Gmail MCP SERVER:

* + Developed a Gmail MCP leveraging the Gmail API for conversational email management. Users could send emails, create drafts, and read their inbox through this interface.

## LinkedIn Automation

* + Automated LinkedIn post publishing via Make: users input topics on a website, which Gemini then uses to generate and directly post content to their LinkedIn. This streamlined the process of sharing information.

# Skills

**Python, LangChain, LangGraph, MCP, RAG Architecture, fastAPI, Git, GitHub, Java, SQL,**

# Education

**Master of Computer Application** (Kamla Nehru Institute Of Technology ) **Lucknow, UP**

* Major: Computer Applications

# Courses & Certifications

* Introduction to LangGraph(LangGraph Academy)
* JavaScript Algorithms And Data Structures ● Programming Using Java (Infosys Springboard)
  + Prompt Engineering for Developers ([deeplearning.ai](http://deeplearning.ai/))

# Areas of Interest

Generative AI, AI engineering, Automation, AI Agents, MCP, AI Chatbots