DIVYANSHU PARIHAR

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SUMMARY

AI Developer with 2+ years of experience building agentic systems and LLM integrations. Skilled in Google ADK, Model Context Protocol (MCP), generative AI (GPT, Claude,Gemini, Grok), and workflow automation with n8n and Selenium. Graduate of the Google × Kaggle AI Agents Intensive Program, focused on building intelligent, scalable systems at the intersection of AI, automation, and data.

EXPERIENCE

WebTechno Software — AI Developer *May 2025 – Present • Jodhpur*

- Developed bidirectional voice-to-voice and video-to-voice communication features using OpenAI GPT and Google Gemini models.
- Built intelligent agents with Google ADK integrated with Gmail, Google Docs, and Google Calendar to automate daily workflows.
- Integrated Zep memory layer so agents retain context across sessions, and configured MCP (Model Context Protocol) connections to enable context-sharing and coordination between multiple agents.
- Designed custom n8n workflows enabling agents to perform multi-step operations across external services.
- Applied Vertex AI Embeddings to improve query understanding and semantic retrieval accuracy; automated repetitive browser tasks using Selenium.

Celebal Technologies — Data Engineer Intern *Apr 2023 – Jul 2023 • Jaipur*

- Engineered large-scale data pipelines using Apache Spark for in-memory processing and distributed computing.
- Built interactive Power BI dashboards and collaborated with cross-functional teams to optimize big-data workflows for performance and fault tolerance.

PROJECTS

Looney — Multi-Modal AI Companion

- Developed an advanced AI assistant leveraging multiple LLMs, integrated with Google Workspace for email and app operations via natural language.
- Built a realistic voice interface using the 11Labs API with human-like emotional expression (happy, sad, angry, laughing).
- Designed screen-recording, smart-selection, and video-query modules, plus a context-aware chat with dynamic popup for conversational continuity.

AI-Powered Storybook Personalization

- Built an application using OpenAI generative models and advanced prompting techniques to animate user-uploaded images into personalized stories.
- Implemented intelligent character replacement that detects the main character across pages and seamlessly integrates the user's face and body while preserving original art style and supporting characters.

n8n × Gemini × Supabase — Natural-Language Database Agent

- Designed an n8n workflow that converts plain-English prompts into SQL via the Gemini API and performs real-time CRUD operations on Supabase.
- Enabled non-technical users to query and modify the database without writing code or opening a dashboard.

HR Analytics Dashboard

Built an interactive Power BI dashboard analyzing attrition rates with department-wise breakdowns and job-satisfaction performance trends.

SKILLS

Languages: Python, SQL
AI & LLMs: OpenAI GPT, Google Gemini, Grok (xAI), LangChain, Hugging Face, Vertex AI Embeddings, Prompt Engineering
Agent Frameworks: Google ADK, Model Context Protocol (MCP), Zep, n8n
Data & ML: Pandas, NumPy, Scikit-learn, Apache Spark, Databricks, Power BI
Backend & Tools: FastAPI, Streamlit, Supabase, Selenium

EDUCATION

B.Tech, Artificial Intelligence & Machine Learning *Sep 2020 – Jun 2024 • CGPA: 7.33*
JIET Institute of Design and Technology, Jodhpur

HONORS & AWARDS

Google × Kaggle AI Agents Intensive Program — multi-agent orchestration and agent interactions with Google ADK.
1st Prize, Open Innovation Challenge (RESONANCE 2K23, JIET Jodhpur) • **Runner-up, Inter-College Debate**, JIET Jodhpur.