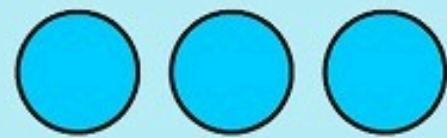




Google Developer Group
On Campus

TechSprint



Leveraging the power of AI



TEAM:- ZODZY

AI PARASITIC SOCIAL MEDIA GROWTH
INFRASTRUCTURE

Lead: B Kathikeyan

Members: Kavin Prakash K, S Sruthi

Problem Statement (PS)

- Content creators and digital businesses struggle to keep up with the immense manual effort needed to analyze their YouTube performance, manage emails, and respond to opportunities.
- Without an automated system, they waste valuable time on repetitive tasks, miss critical insights, and lose growth opportunities.
- Our solution addresses this by providing a fully automated AI infrastructure that handles analytics, email management, proposal generation, and more, allowing creators to focus on what they do best

Solution & Uniqueness

Proposed Solution

An admin controlled AI automation platform powered by 16 autonomous AI agents that analyze performance data and execute growth actions end-to-end without manual intervention.

Key Capabilities

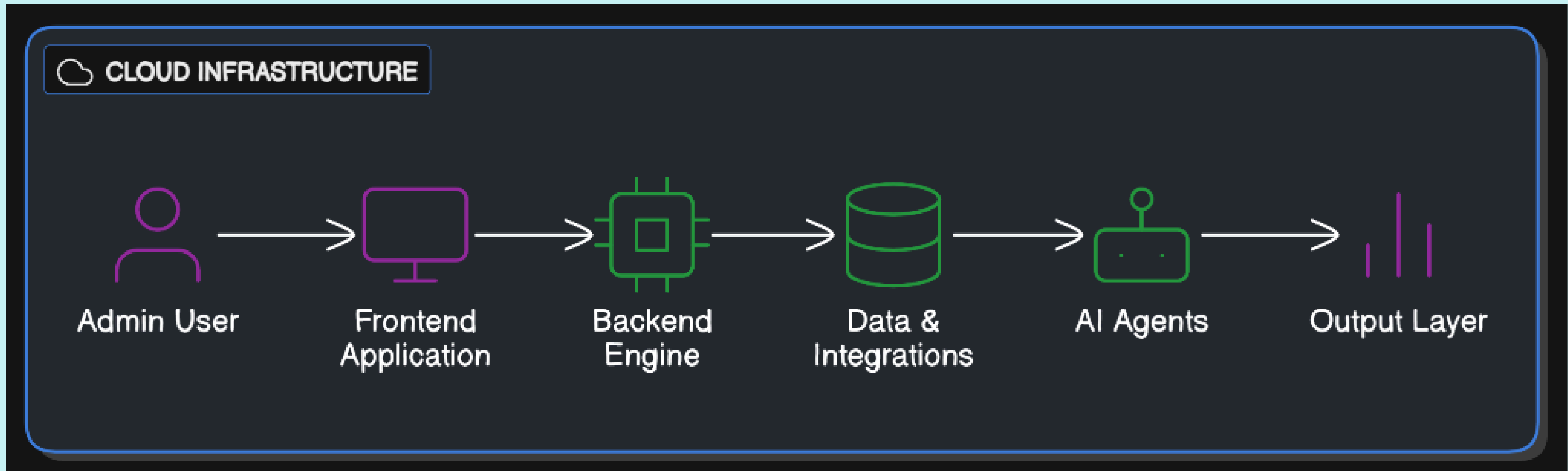
- Data → decision → action (fully automated)
- Task-driven AI agents for growth, communication, and monitoring

Uniqueness

- Agentic AI Dashboard with clear, task-based workflows
- Zero human dependency for promotions, leads, or proposals
- AI agents independently handle outreach, proposals, bookings, and follow-ups

Architecture & Workflow

System Architecture



Automations We Made

Data & Performance Automations

- YouTube Information Collector
- Like Scraper
- Duration Scraper
- Favorite Scraper
- Title Scraper
- Published At Scraper
- Tags Scraper
- Comments Scraper

AI Agents & Workflow Automations

- Gmail Categorization Agent
- Proposal Agent
- Booking & Appointment Chatbot
- Script Writing Agent
- Personalized Chatbot
- 24+T Performance Monitoring Agent
- Template Generation Agent
- Lead Generation Agent

Tech Stack & Google Tools

Technology Stack

- **Google Sheets:** For organizing and analyzing YouTube data.
- **Google Slides:** For generating automated reports and proposals.
- **Google Gemini:** For advanced natural language processing and content insights.
- **Google Gmail:** For automating email communications and categorization.
- **Google Calendar:** For scheduling and managing bookings and appointments automatically.
- **Google Drive:** For securely storing and sharing documents generated by the AI agents.
- **Google docs:** for storing the data to the RAG Agent
- **Google AI Studio:** for an orchestration dashboard to aggregate all agents

Feasibility, Viability & Scalability

Feasibility & Viability

This project is highly feasible due to its use of reliable Google tools like Google Sheets, Slides, Gmail, and Calendar, integrated with AI models and an orchestration dashboard.

The solution is highly viable as it addresses a real-world need by automating repetitive tasks for content creators, saving them significant time and effort.

The project is designed to scale easily, as the combination of 16 AI agents and the orchestration dashboard can handle increasing volumes of data and more complex workflows without compromising performance.

Impact & Future Scope

Impact: We turn creators' biggest pain points into automated solutions, letting them boost their content quality and make more money with less effort. It's a win for the whole social media community and for their business growth.

TargetUsers: Content creators and social media managers who want to save time and focus on creativity..

Future Scope: We'll keep expanding with :-

- AI Calling VoiceAssistant
- AI Video Generation with NLP

Optional Links (If Available)

GitHub Repository:

<https://github.com/Kavin-Prakash7/zodzy-ai-social-growth-infra>

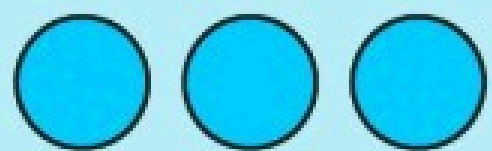
Demo Video Link:

<https://drive.google.com/file/d/12owyDDlDlZQg3wHlxwuSjU2y1-NUhHs0/view?usp=sharing>

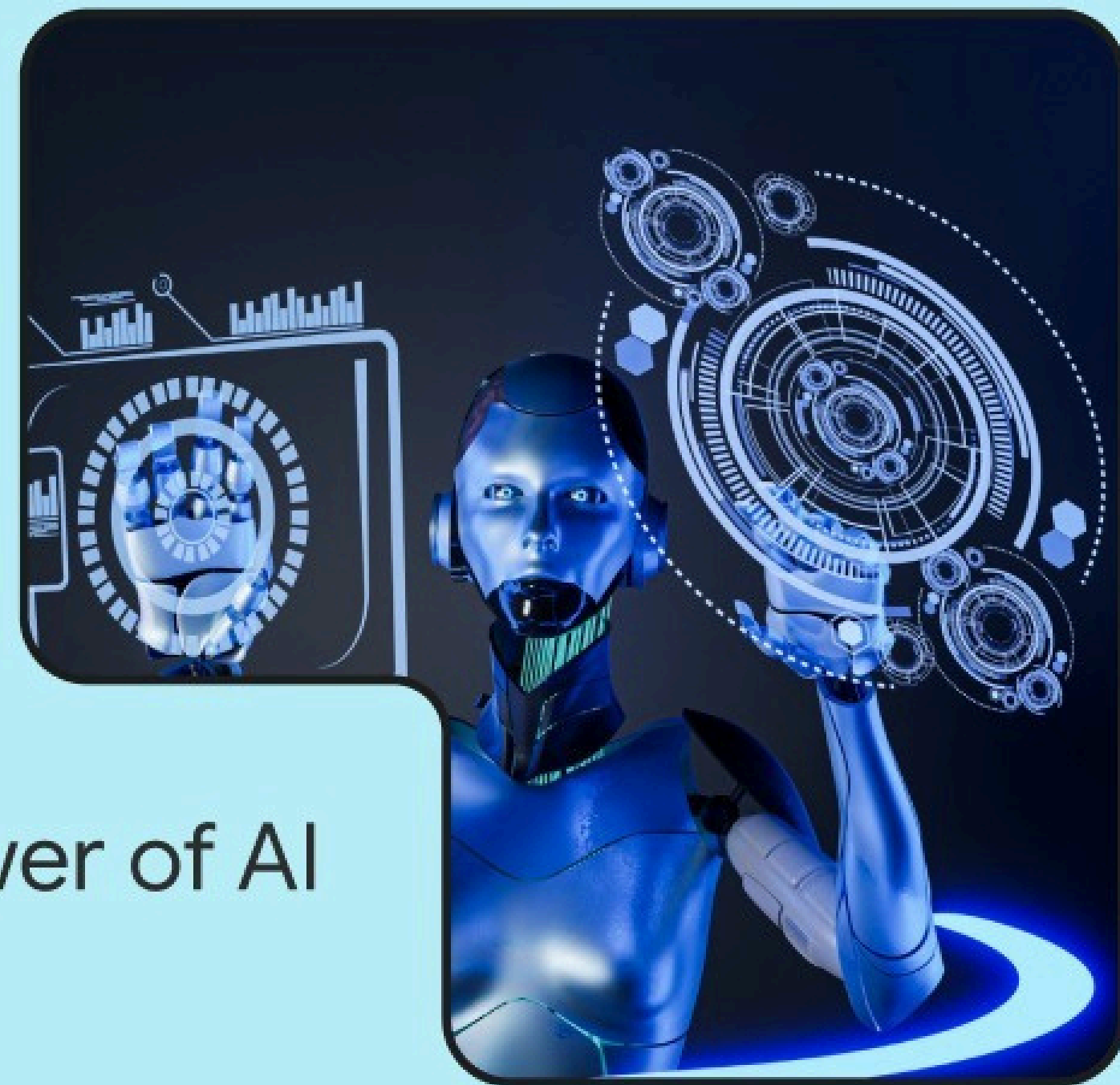
***MVP / JSON / Architecture
Files: Available in GitHub
repository***



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Thank you!

