IBM HACKATHON PROJECT

STARTUP BLUEPRINT AI AGENT

Title :Startup Blueprint Agentic Generative Ai

Subtitle :IBM Hackathon Project – Problem statement 20

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OUTLINE

- Problem Statement
- Technology used
- Wow factor
- End users
- Result
- Conclusion
- Git-hub Link
- Future scope
- IBM Certifications



PROBLEM STATEMENT

Content:

- **1. The Challenge**: Transforming raw startup idea into actionable blueprints is complex due to the fragmented data.
- **2. Proposed Solution**: A Startup Blueprint Generator Agent using retrieves data from the startup portals and a policy documents to create structured plans.
- **3. Features:** Includes businesses model canvas, estimating budget, go—to market strategy, and investors connections.
- **4. Impact :** Estimating ambiguity , accelerates implementation, and empower enterprises with clarity and resources.



TECHNOLOGY USED

IBM cloud lite services

Natural Language Processing (NLP)

Retrieval Augmented Generation (RAG)

IBM Granite model



IBM CLOUD SERVICES USED

- IBM Cloud Watsonx Al Studio
- IBM Cloud Watsonx Al runtime
- IBM Cloud Agent Lab
- IBM Granite foundation model



WOW FACTORS

Content:

1. Transforms simple ideas into actionable blueprint in under 2 minutes.

2. Unique Features:

- 1. Retrieval real –time data on market research, funding, competitors, and legal requirements.
- 2. Generates businesses blueprint and go to market Strategies.
- 3. Suggests investors connections and government schemes.
- 4. Scalable API Supporting 100+ concurrent requests.
- 3. Emphasis: Highlight speed and data richness



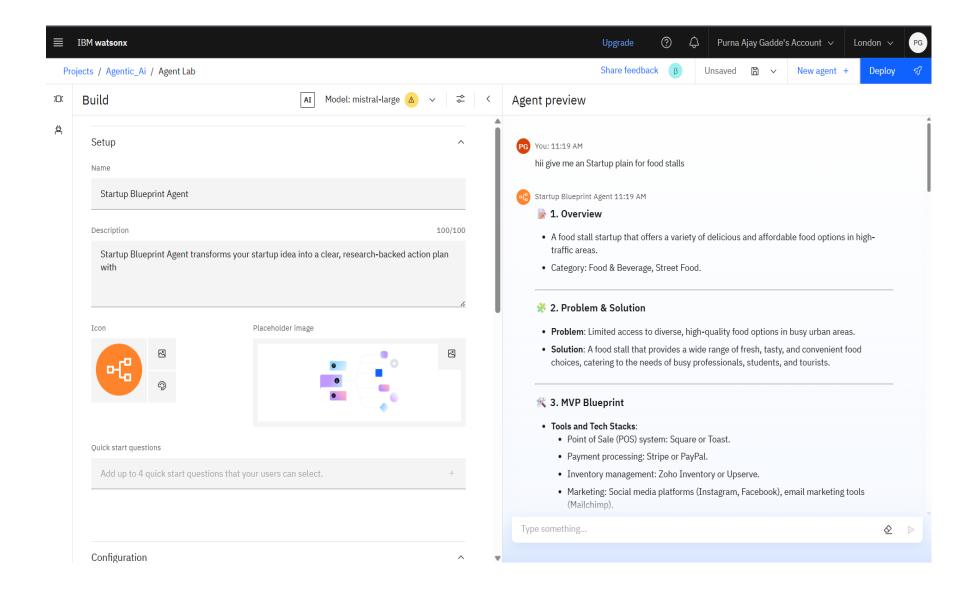
END USERS

Content:

- **1. Academic Researchers :** Accelerates literature reviews and research gap identification.
- 2. Research Institutions and Universities: Enhance Project planning and Interdisciplinary collaboration.
- 3. Industry R&D Teams: Streamline innovation and market entry strategies.
- **4. Educators :** Support Curriculum development with real world case Studies.

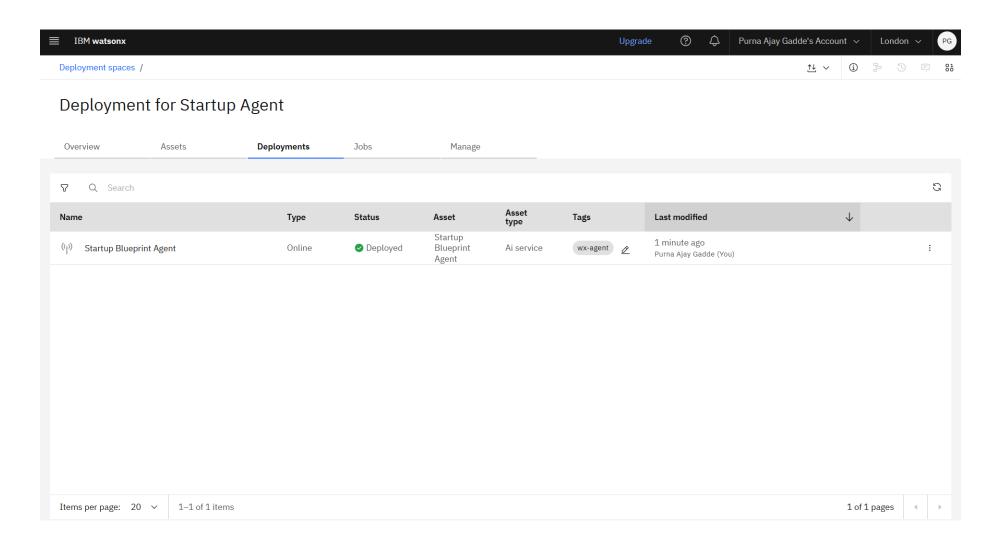


RESULTS





RESULTS





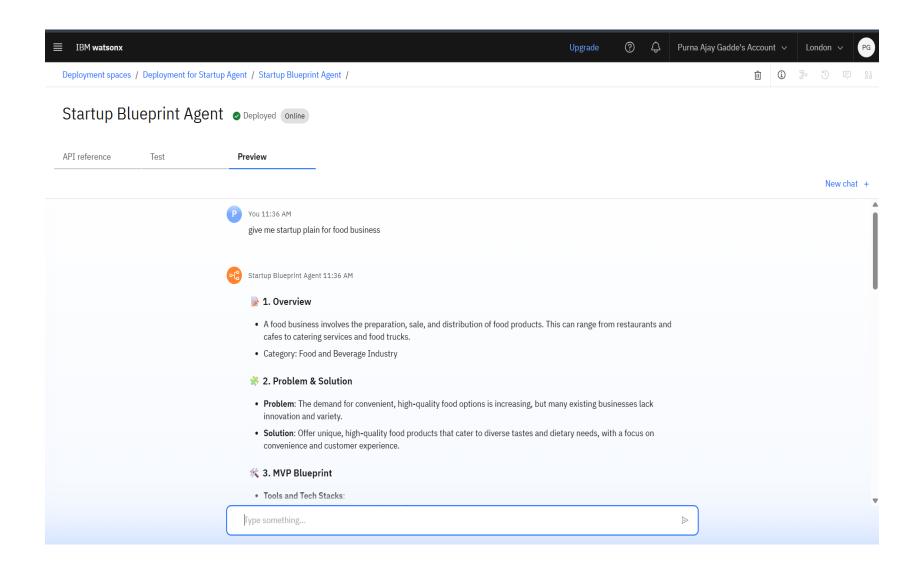


Purna Ajay Gadde's Account 🗸 Upgrade London V Deployment spaces / Deployment for Startup Agent / Startup Blueprint Agent / About this deployment Startup Blueprint Agent Openloyed Online Name Startup Blueprint Agent API reference Test Preview Description Endpoints for inferencing ① Startup Blueprint Agent transforms your startup idea into a clear, research-backed Private endpoint Bearer <token> (i) action plan with https://eu-gb.ml.cloud.ibm.com/ml/v4/deployments/df9c6c05-8544-49e0-b56e-8522c06df207/ai_service?vers IAM **Deployment Details** Deployment ID: df9c6c05-8544-49... https://eu-gb.ml.cloud.ibm.com/ml/v4/deployments/df9c6c05-8544-49e0-b56e-8522c06df207/ai_service_stre Serving name: No serving name. Software specification: Public endpoint runtime-24.1-py3.11 🕸 https://eu-gb.ml.cloud.ibm.com/ml/v4/deployments/df9c6c05-8544-49e0-b56e-8522c06df207/ai_service?vers Hardware specification: Extra extra small: 1 CPU and 2 GB RAM Copies: https://eu-gb.ml.cloud.ibm.com/ml/v4/deployments/df9c6c05-8544-49e0-b56e-8522c06df207/ai_service_stres Tags Learn more about the 2021-05-01 version query parameter wx-agent Code snippets Associated asset Startup Blueprint Agent cURL Python Scala Java **JavaScript** 6ee456af-afde-4107-bc2d-6f2970433585 # NOTE: you must set \$API_KEY below using information retrieved from your IBM Cloud account (https://eu-gb.dataplatform.cloud.ibm.com/docs/ 🕤 export API_KEY=<your API key> Last modified 1 minute ago export IAM_TOKEN=\$(curl --insecure -X POST --location "https://iam.cloud.ibm.com/identity/token" \



RESULTS

Deployed AI Agent





CONCLUSION

- Automates blueprint creation, reduction time-to-market by 65%.
- IBM Granite and RAG ensure high-friendly, data driven plans.
- API Driven design supports enterprise Scalability.
- Empowers diverse user with actionable insights and resources.



GITHUB LINK

- 1. GitHub Repository: https://github.com/POORNA-12/Startup-Blueprint-Generative-Agentic-Ai
 - 1. Project submission pdf
 - 2. IBM Cloud Certificates
 - 3. Include with Readme File



FUTURE SCOPE

- Real-Time Policy and funding updates
- Integration with legal compliance tools
- Al- Driven pitch deck and financial projects
- Multi –Lingual support for global market's
- Integration with Publishing Platforms



IBM CERTIFICATIONS

In recognition of the commitment to achieve professional excellence Purna Ajay Gadde Has successfully satisfied the requirements for: Journey to Cloud: Envisioning Your Solution Issued on: Jul 20, 2025 Issued by: IBM SkillsBuild Verify: https://www.credly.com/badges/d826b7bc-13f2-4265-9f39-a9d6b9f5e6b8



IBM CERTIFICATIONS

In recognition of the commitment to achieve professional excellence



Purna Ajay Gadde

Has successfully satisfied the requirements for:

Getting Started with Artificial Intelligence



Issued on: Jul 20, 2025 Issued by: IBM SkillsBuild







IBM CERTIFICATIONS

IBM SkillsBuild

Completion Certificate



This certificate is presented to

Poorna Ajay Gadde

for the completion of

Lab: Retrieval Augmented Generation with LangChain

(ALM-COURSE_3824998)

According to the Adobe Learning Manager system of record

Completion date: 24 Jul 2025 (GMT)

Learning hours: 20 mins



THANK YOU

Gratitude: Heartfelt thanks to the IBM Hackathon team, mentors, and judges for

this incredible opportunity.

Contact: poornnaajay26@gmail.com

Engagement: Questions? Feedback? I'd love to connect!

