Building My AI Portfolio

A showcase of my journey through AI learning, experimentation, and practical application during this transformative cohort experience hosted by Techsgiving and Grow with Google.

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Portfolio Agenda

Explore the journey of my AI development and practical applications.

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About Me

My Background & Vision

- Based in Washington, DC
- Career trajectory: Consulting @ Deloitte in SAP Consulting to Product Management @ ServiceNow in the Governance, Risk, & Compliance space
- Career goals: AI Enablement and AI Product Management in tech in NYC
- Interests:
  - Continuous learning & development like this Techsgiving course
  - Attending conferences e.g. AfroTech, Tribaja, Techgsiving, and Grace Hopper
  - Other interests: napping, playing soccer, and cooking
- Why I am interested in AI:
  - My goal is to build a career where I can bridge the gap between technical innovation and practical business applications.

Key Learning Highlights

Throughout this AI cohort, I've gained hands-on experience with cutting-edge tools and methodologies that are reshaping how we work, create, and solve problems.

Prompt Engineering

Mastered the art of crafting effective prompts to get optimal results from AI models, understanding context, specificity, and iterative refinement.

Understanding AI Design and Integration

The key is to show understanding of AI design and integrations to create an MVP (Minimum Viable Product) and iterating with time.

Generative AI Tools

Experimented with various generative AI platforms for text, images, and presentations, discovering their potential and limitations. Tools used included: Stich, Lovable, and Google AI Studio.

My personal project: PlantPal.ai

Your personal AI-powered plant assistant

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Project Background

Scenario: I am a first-time plant owner with no experience owning plants. I want to create an app that will help me take care of my plants. Give me ideas of features, but also outline what I need to do using Google AI Studio, Stitch, and Lovable to create a working app from conception, design, to execution

01

Problem

First-time plant owners struggle to maintain the health of their plants due to lack of experience, busy schedules, lack of motivation, etc.
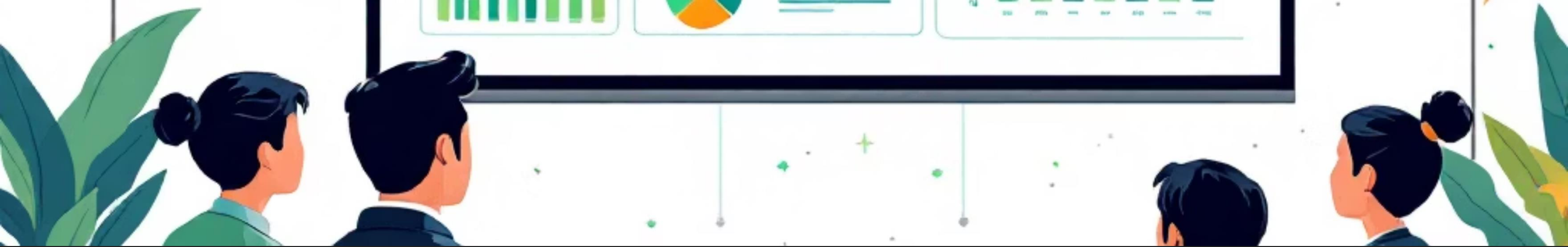
02

Target Users

- First time plant parents with little to no experience about plant care and are overwhelmed by all the information online
- Plant parents with busy schedules that need reminders to care for their plants

03

Solution

A friendly AI assistant that teaches plant care basics, manages reminders, and helps with plant diagnoses when needed

04

Why this solution?

This idea came about when I bought my first plant back in April of 2025. I had no knowledge of plants and which ones would be easier to take care of as a beginner. I bought the most "easy to care for" plant based on a personal recommendation: a Monsterra. And still... I struggled to keep some leaves alive!

Key Features

After trying several AI design tools, I decided to use Lovable because the initial mockup looked similar to what I had in mind without having to make too many customizations. This project demonstrated how AI can accelerate the presentation development process while maintaining high quality and accuracy.

01

AI Plant Advisor (Core Feature)

Used AI to synthesize information from multiple sources, identifying key trends and statistics in renewable energy.

02

Smart Reminders

- Users can get custom reminders to water/feed their plants
- Backend stores user data and sends reminders via app, email, or can integrate with the users personal calendar

03

Plant Tracker

Leveraged generative AI tools to create compelling visuals, charts, and layout designs that enhanced message clarity.

04

AI Q&A

- Natural language chat interface (chatbot)

e.g. "Can I move my aloe vera outside", " why are my leaves drooping?"

- The app will provide conversational, supportive advice
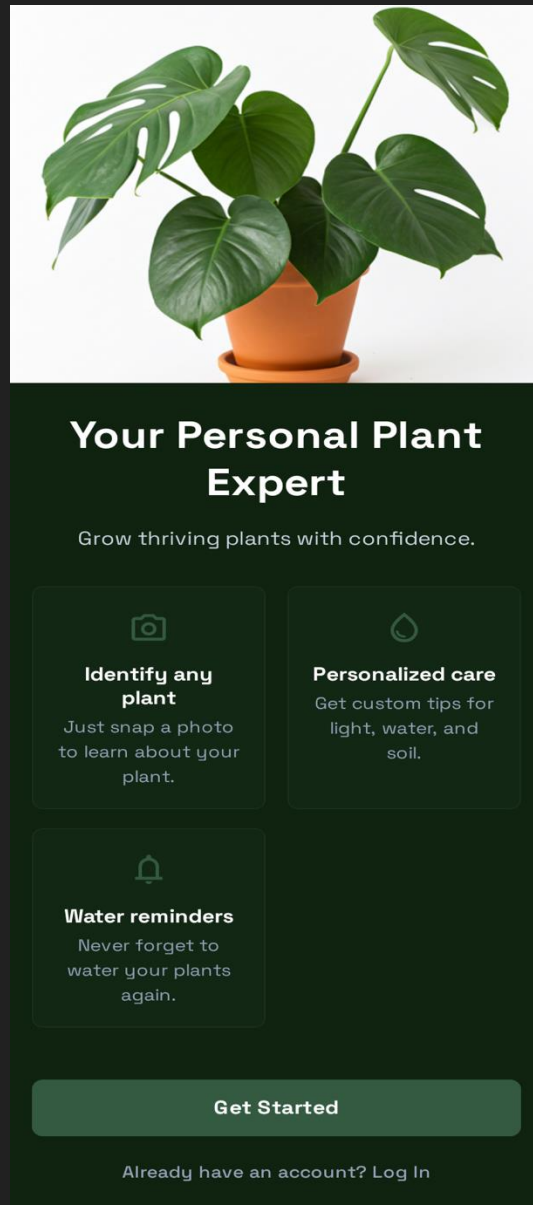
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Minimum Viable Products (Designs)

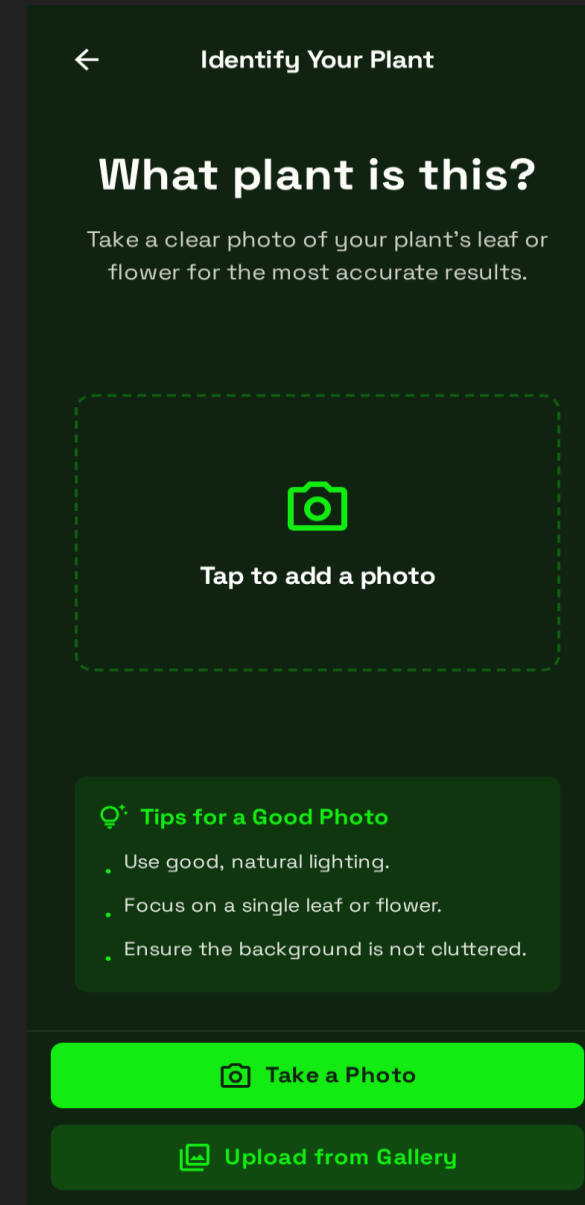*Using different AI design tools to create an MVP*
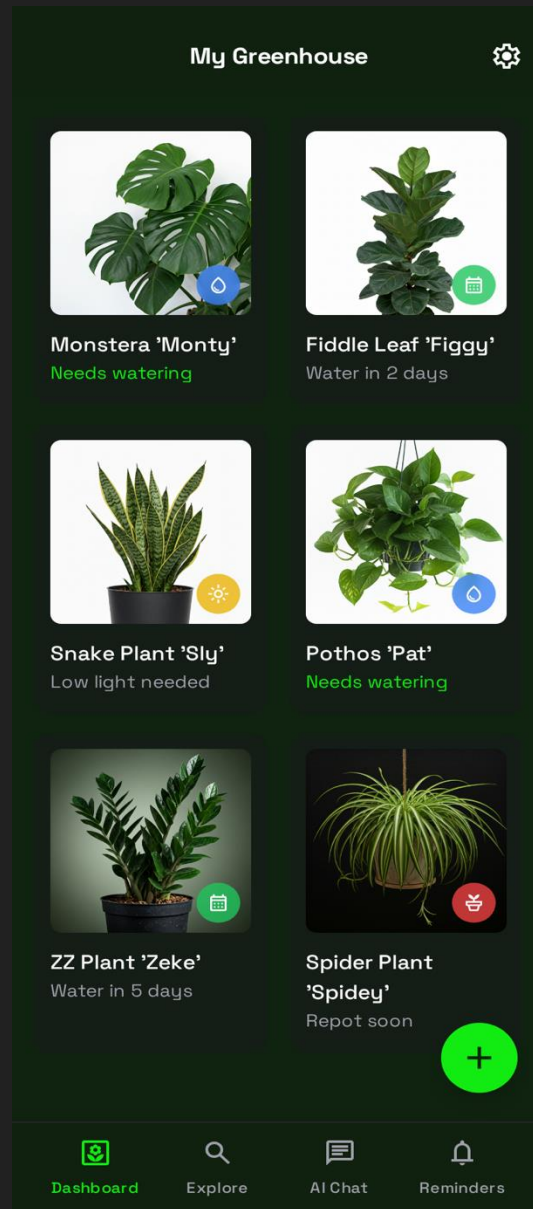
Tool 1: Google Stitch (1/2)

Welcome screen

Plant profile
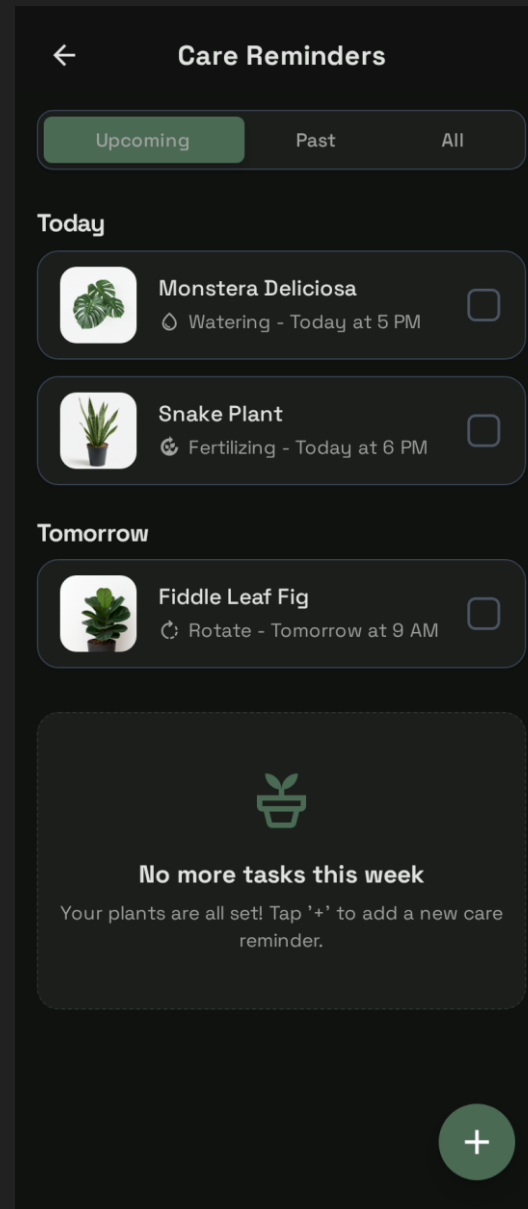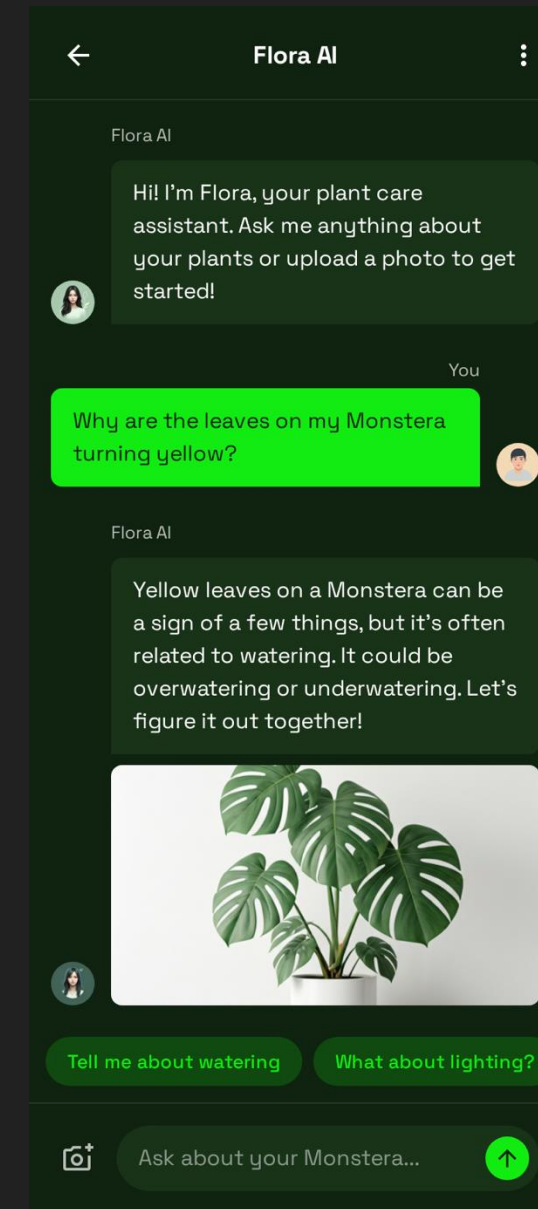

Plant identification

Tool 1: Google Stitch (2/2)

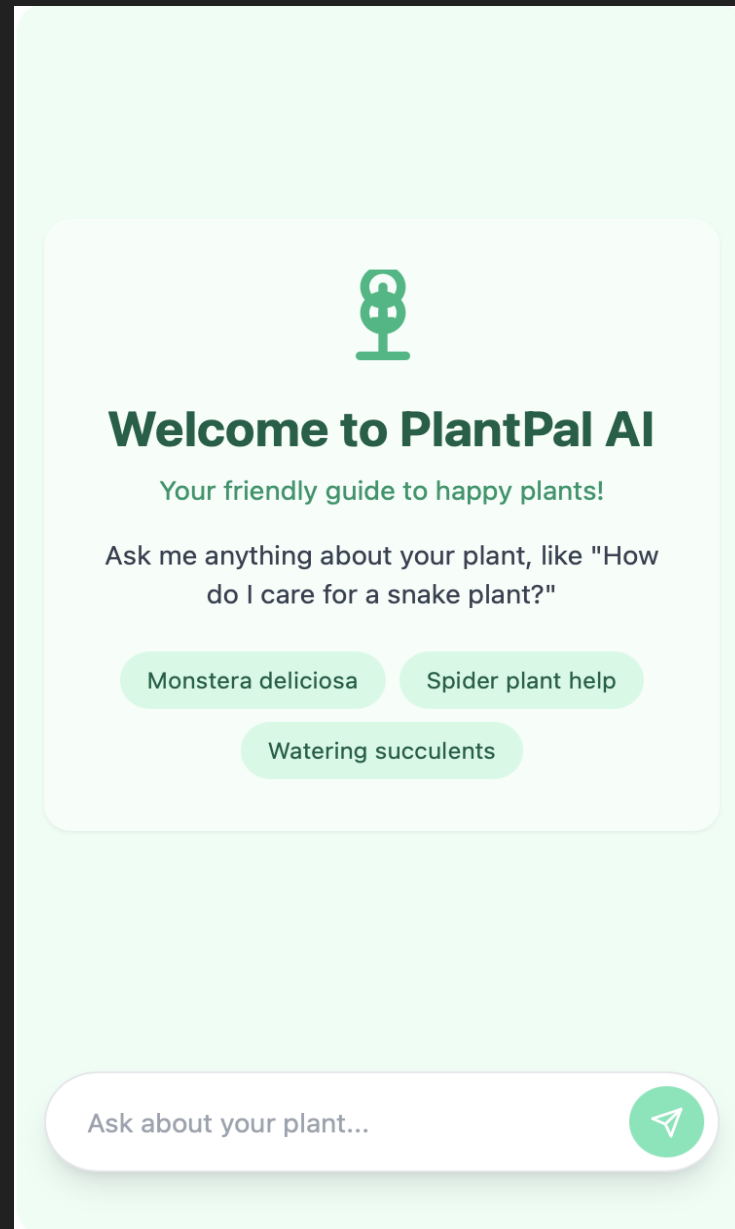

My greenhouse
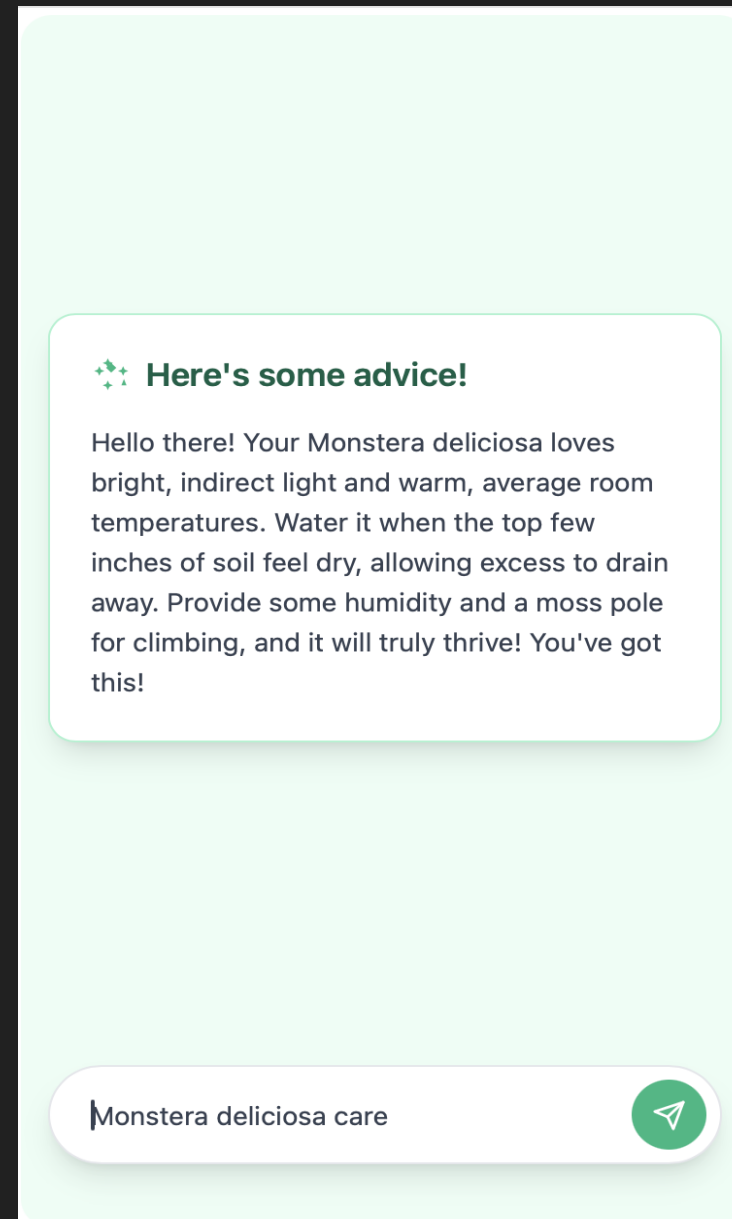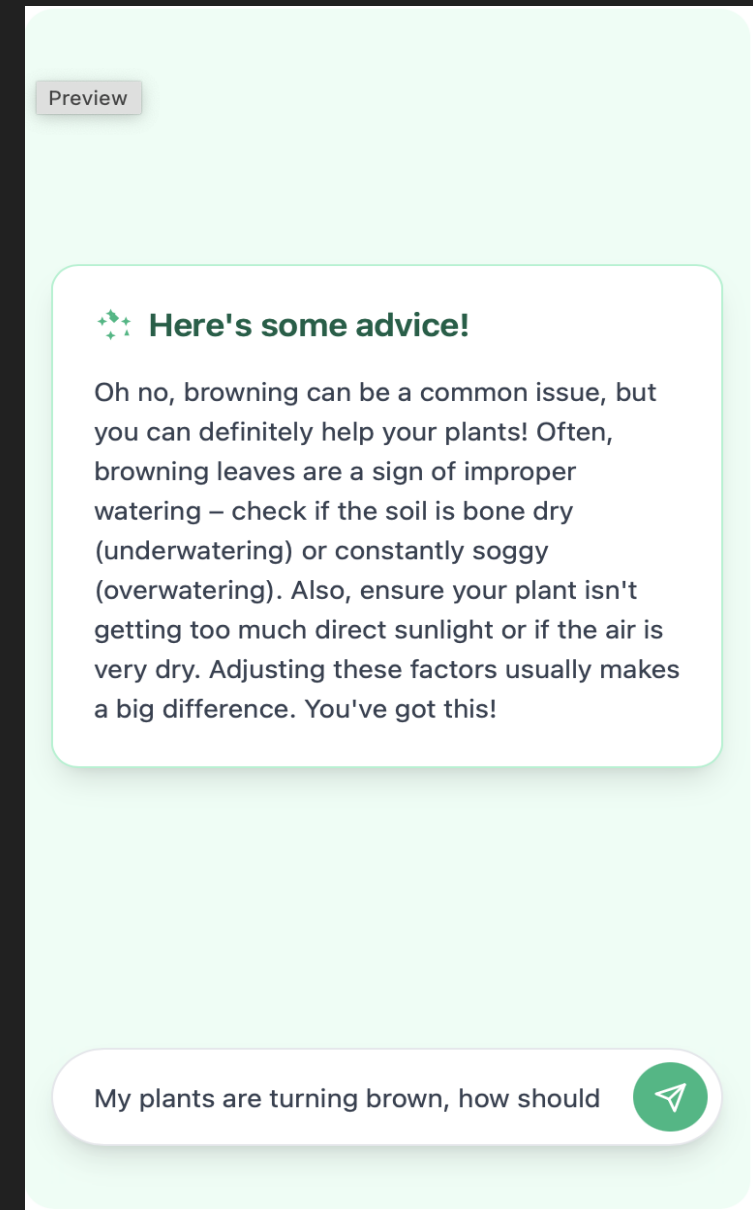view of all my plants

Care reminders

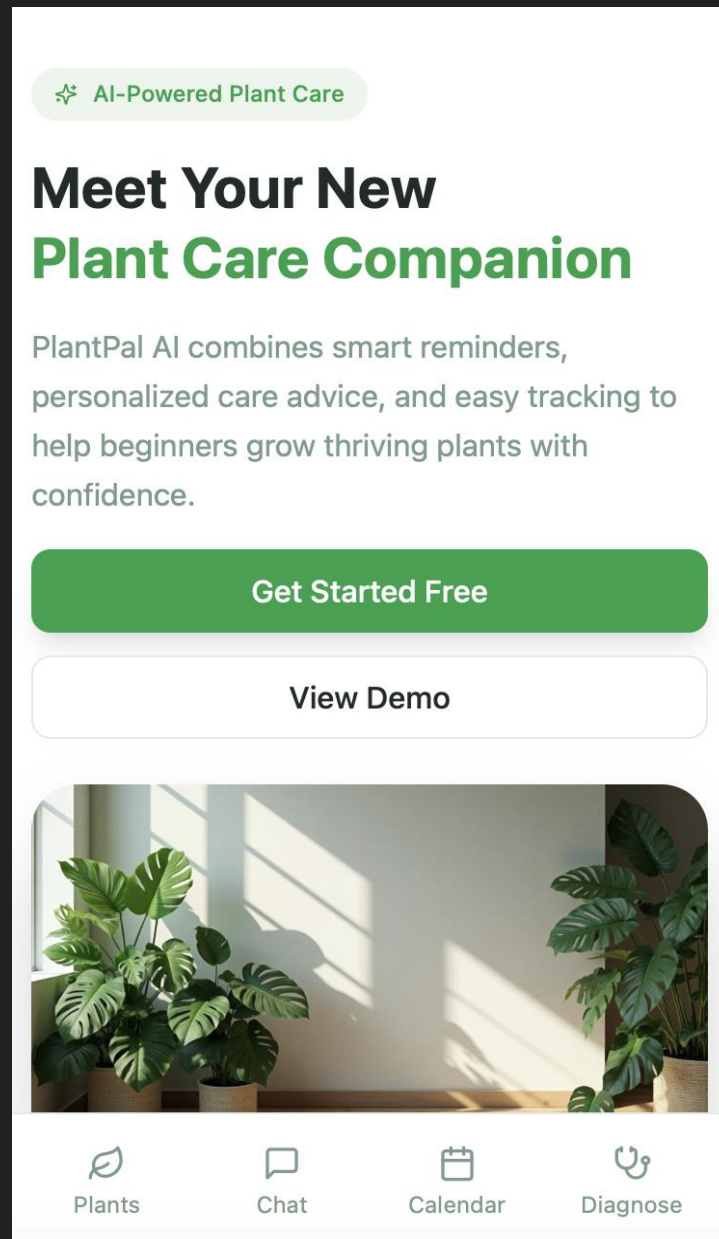Ask AI

Tool 2: Google AI Studio

Main screen

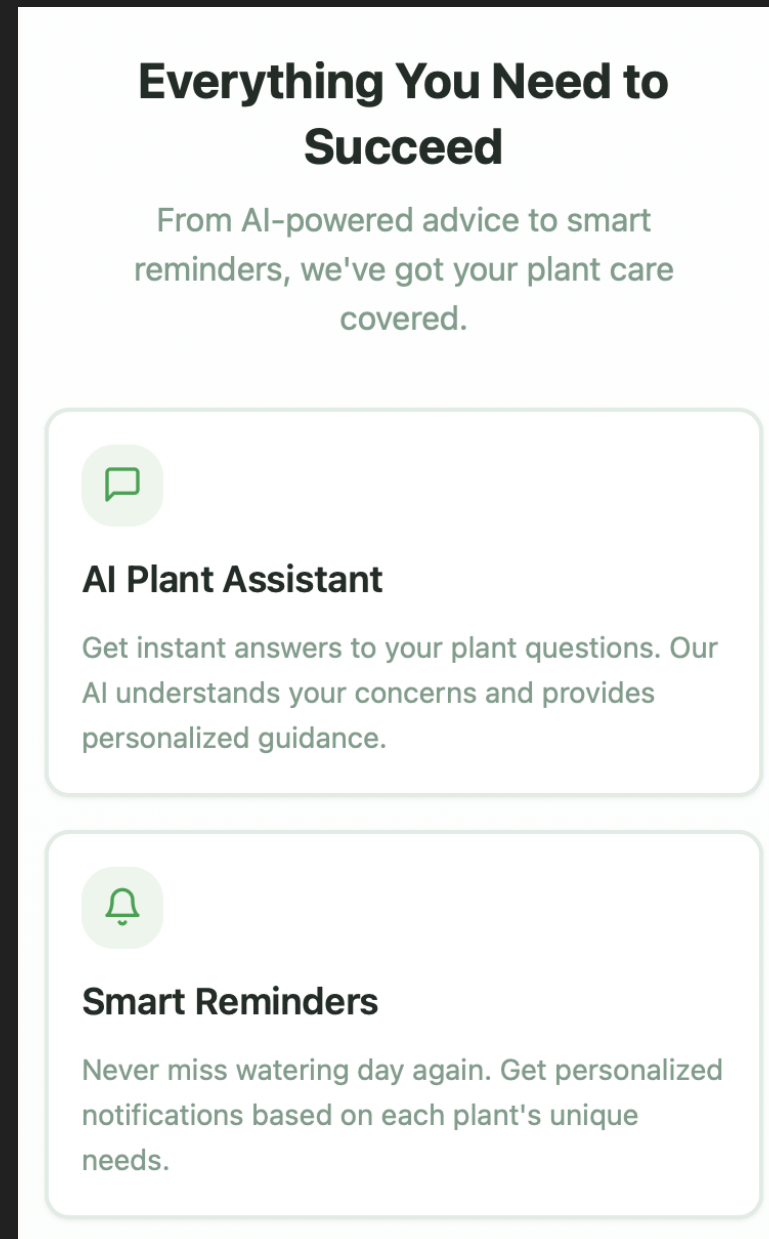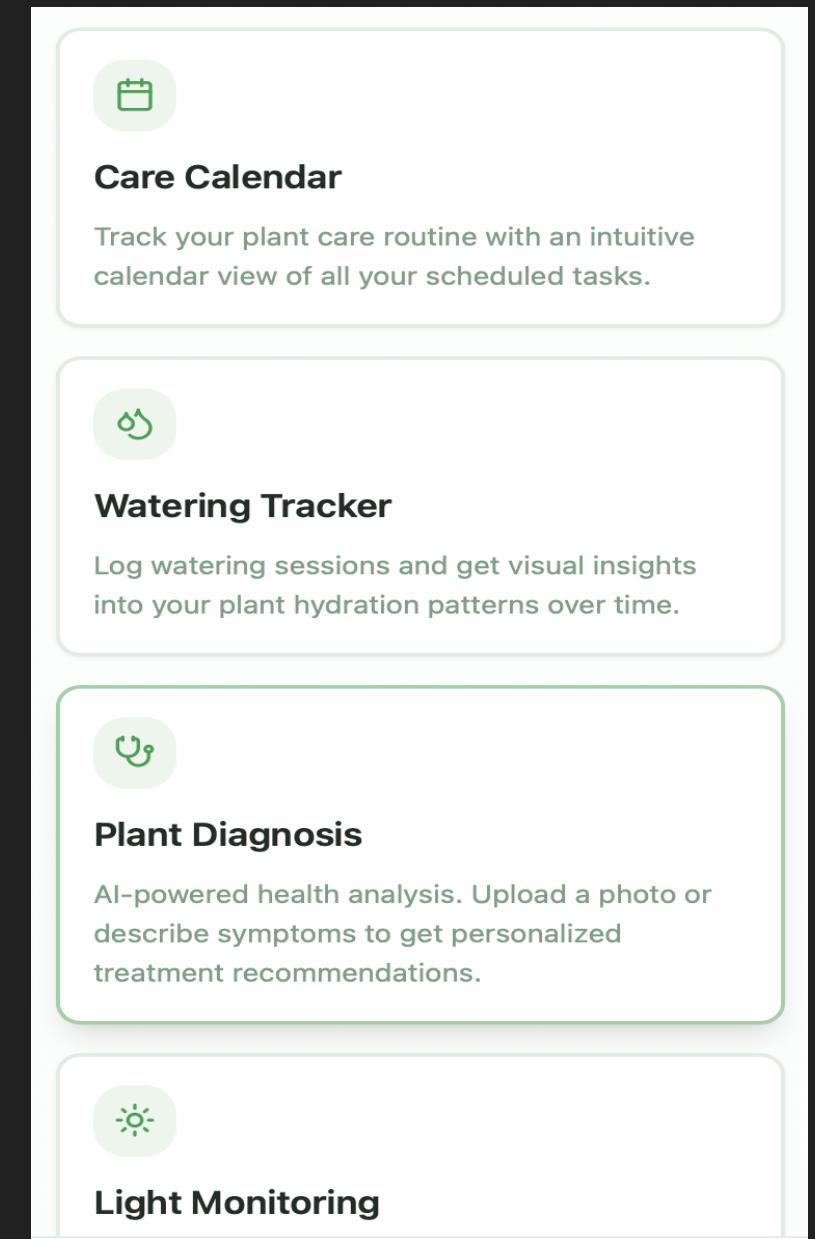Chatbot

Plant advice

Tool 3: Lovable (1/2)

AI-Powered Plant Care

Meet Your New
Plant Care Companion

PlantPal AI combines smart reminders, personalized care advice, and easy tracking to help beginners grow thriving plants with confidence.

Get Started Free

View Demo

Plants   Chat   Calendar   Diagnose

Welcome screen

Everything You Need to Succeed

From AI-powered advice to smart reminders, we've got your plant care covered.

AI Plant Assistant

Get instant answers to your plant questions. Our AI understands your concerns and provides personalized guidance.

Smart Reminders

Never miss watering day again. Get personalized notifications based on each plant's unique needs.

Menu

Care Calendar

Track your plant care routine with an intuitive calendar view of all your scheduled tasks.

Watering Tracker

Log watering sessions and get visual insights into your plant hydration patterns over time.

Plant Diagnosis

AI-powered health analysis. Upload a photo or describe symptoms to get personalized treatment recommendations.

Light Monitoring
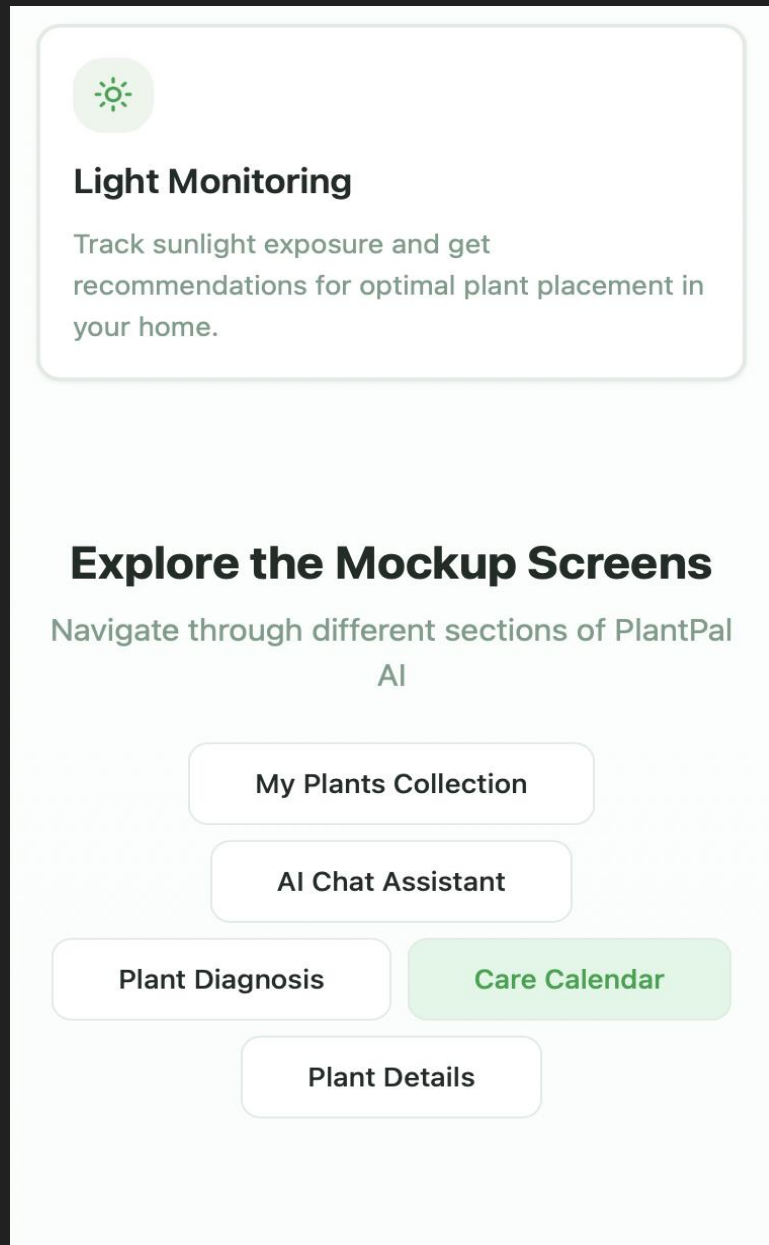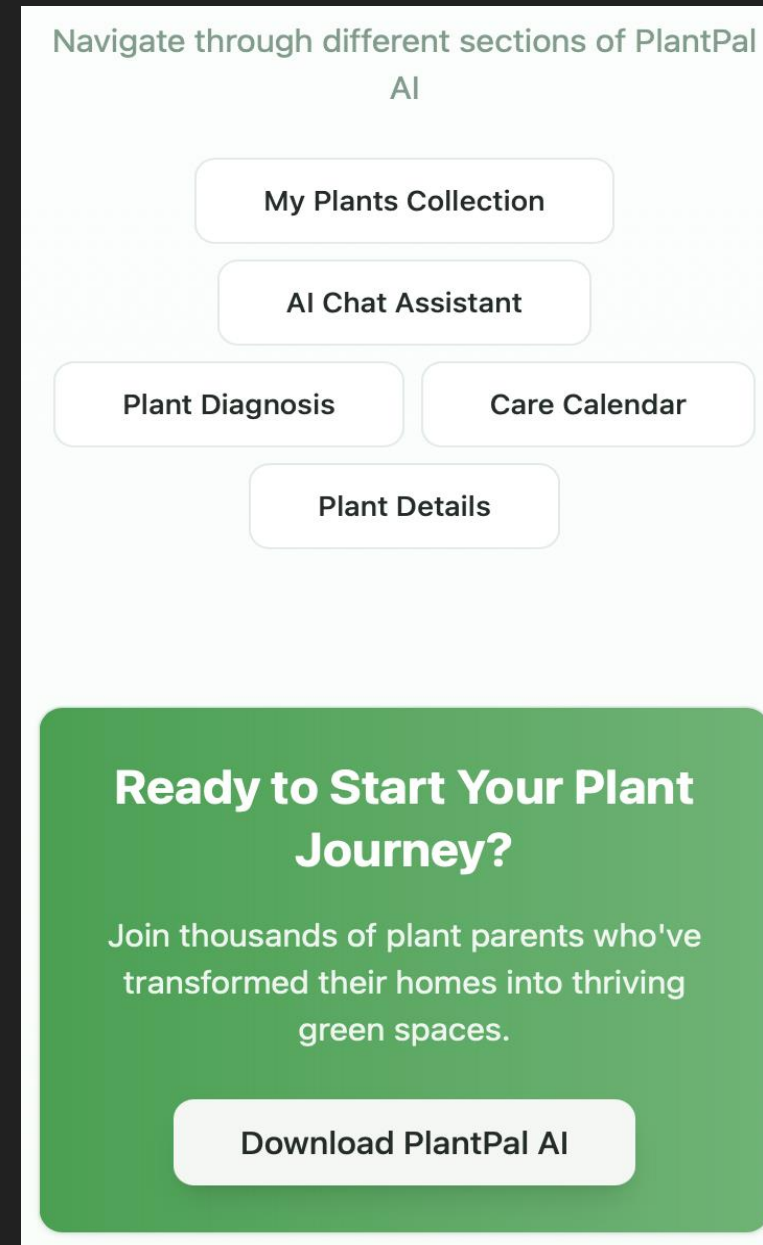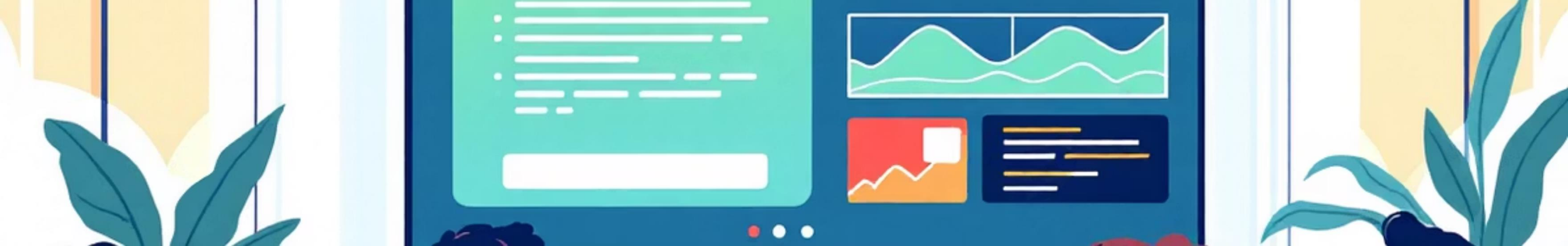
Menu

Tool 3: Lovable (2/2)

AI-Generated Presentations

I created a comprehensive presentation on "The Future of Renewable Energy" using AI tools to streamline research, content creation, and visual design. This project demonstrated how AI can accelerate the presentation development process while maintaining high quality and accuracy.

01

Research & Data Gathering

Used AI to synthesize information from multiple sources, identifying key trends and statistics in renewable energy.

02

Content Structuring

Employed AI to organize complex information into a logical narrative flow with clear sections and transitions.
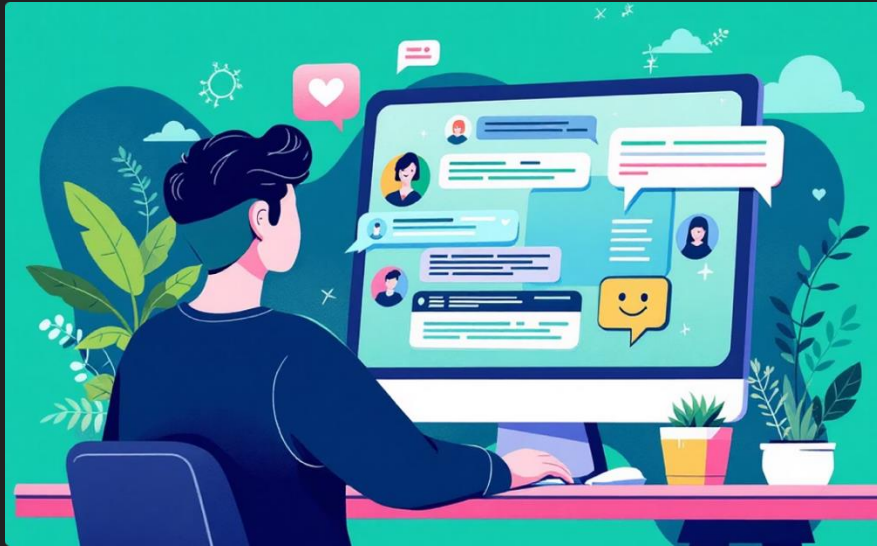
03

Visual Design

Leveraged generative AI tools to create compelling visuals, charts, and layout designs that enhanced message clarity.

04

Refinement & Polish

Iterated on AI-generated content, adding human judgment and domain expertise to ensure accuracy and engagement.

Technical Skills Developed

Prompt Engineering

Advanced conversational AI for ideation, drafting, and problem-solving across diverse use cases USING ChatGPT and GPT-4.

AI Data Tools

Leveraging AI for data cleaning, analysis, and visualization to uncover actionable insights.

Generative Design

Creating visual content and presentations using AI-powered design platforms (Lovable, Stitch, and Google AI Studio).

These skills form the foundation of my AI toolkit, enabling me to approach problems with creativity and efficiency while maintaining human oversight and ethical considerations.

Key Lessons & Insights

" **AI is a Collaborator, Not a Replacement**

The most powerful results come from combining AI capabilities with human creativity, judgment, and domain expertise. AI amplifies our abilities rather than replacing them. "

" **Prompt Quality Determines Output Quality**

Investing time in crafting clear, specific, and contextual prompts dramatically improves AI results. Iteration and refinement are essential parts of the process. "

" **Ethical Considerations Matter**

Understanding bias, accuracy limitations, and responsible use of AI tools is crucial for creating positive impact and maintaining trust. "

Certifications

Next Steps in My AI Journey

Certifications

Hoping to get certified in Microsoft AI Fundamentals and AWS Cloud Practitioner (to start and then get more specialized)

Advanced Projects

Building more complex applications including AI-powered data analysis tools and custom automation workflows for real business scenarios.

Community Engagement

Joining AI communities, attending webinars, and contributing to open-source projects to stay current with rapidly evolving technologies.

Thank You

Let's Connect

This portfolio represents just a small part of my AI journey. I'm excited to continue learning, experimenting, and building innovative solutions that leverage artificial intelligence to create meaningful impact.

I'm actively seeking opportunities to apply these skills in real-world projects and collaborate with others passionate about AI's transformative potential.

Areas of Interest:

- AI-powered business automation
- AI Product Management
- Ethical AI development and implementation
- Cross-functional AI integration strategies

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