



# PitchCraft – Tumhara AI Startup Partner

A bilingual (English + RoA bilingual (English + Roman Urdu) guide for students to understand how to build PitchCraft — an AI-powered Startup Pitch Generator App using React + Gemini/OpenAI + Firebase/Supabase.

## 1) The Real-Life Story

Har student ya founder ke paas ek idea to zaroor hota hai  but problem ye hoti hai — kaise usko pitch banayein, tagline likhein, ya investor ko samjhayen?

Sochho agar ek AI assistant ho jo sirf tumhara startup idea sun kar name, tagline, pitch, audience aur landing page content generate kar de – bas ek click mein 


Goal: Build an app that helps any aspiring founder create a professional-looking startup pitch in just a few minutes.

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## 2) The Big Idea – PitchCraft

A personal AI startup partner that helps you:

 Generate creative startup names & taglines

 Write elevator pitches & problem/solution statements

Define target audience & unique value proposition

 Generate website hero section copy instantly

 Suggest color palette or logo concept ideas

Example:

Input: “I want to build an app that connects students with mentors.”

Output:

Startup Name: MentorMate

Tagline: “Guidance Meets Growth.”

Pitch: “A platform connecting learners with industry mentors.”

### 3) Tech Stack

**Frontend:** React / Next.js + Tailwind CSS or Material UI

**Backend:** Firebase / Supabase (Auth + Database)











**AI Model:** Gemini 1.5 Pro or 1.5 Flash (Multimodal)

**Storage:** Cloudinary / Firebase Storage

## 4) Step-by-Step Journey

Step Task Roman Urdu

Explanation

	<b>Understand the Problem</b>	Samjho founders ko pitch likhne mein mushkil kyu hoti hai.
	<b>Be Ready</b>	Do the preparation of System and Internet
	<b>Create Repo</b>	GitHub repo banao aur <code>.env.example</code> add karo.
	<b>Design Database Models</b>	Models: User, Startup Idea, Generate Pitch.
	<b>Setup Auth (JWT)</b>	Login/Register backend + protected routes.
	<b>Input Form</b>	User apna idea likhe – name, short description, aur inustry.
	<b>Gemini Integration</b>	Gemini/OpenAI API se pitch content generate karwana.
	<b>AI Response Handling</b>	Result parse karo: name, tagline, pitch, audience, landing copy.
	<b>UI Design</b>	Modern dashboard jahan user apne pitches save kar sakta hai.
	<b>Export Option</b>	Frontend Vercel par aur backend Firebase/Supabase per deploy karo.

## 5) How Gemini Helps

Gemini ya OpenAI tumhara startup idea samajh kar automatically creative output generate karta hai:

Startup name + tagline

Elevator pitch (2–3 line summary)

Problem/Solution definition

Target audience persona

Landing page content

Roman Urdu:

“AI tumhare idea ko samajh kar ek ready pitch likhta hai jo investor ko instantly impress karti hai.”

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## 6) Architecture (High-Level)

Frontend (React) → Firebase/Supabase (Auth + DB) → Gemini/OpenAI API → Cloudinary (optional)

Flow:

- 1 User inputs startup idea
- 2 React calls Gemini/OpenAI via a secure Supabase/Firebase function
- 3 AI returns structured data
- 4 App displays formatted pitch + stores it in database
- 5 User exports or shares result



## 7) UI Pages

1. **Login / Register** – user authentication
2. **Dashboard** – view saved pitches
3. **Create Pitch** – Idea form with optional tone selector (formal/fun)
4. **Generated Pitch** – Result view (editable + regenerate option)
5. **Export Page** – PDF or link sharing
6. **(Optional) Color Palette + Logo Generator**



## 8) Security & Privacy

- Supabase / firebase Auth for secure login
- Cloudinary signed URLs for image uploads
- API keys stored safely using environment variables or Supabase Edge Functions
- Roman Urdu: “Yeh AI sirf samajhne ke liye hai, ilaaj ke liye nahi.” “AI-generated content is for idea generation only — not final business or legal advice.”

Roman Urdu: "AI sirf madad ke liye hai, final faisla aapka apna hai."

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## 9) What You'll Learn

- 🔗 Frontend stack workflow
  - 🔗 File uploads & data storage
  - 🔗 Gemini multimodal AI integration
  - 🔗 Safe AI prompting
  - 🔗 Urdu + English bilingual interface
  - 🔗 Real-life Startup problem solving
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## 10) Final Words

"PitchCraft sirf ek app nahi — yeh ek startup accelerator hai 🎯"

"AI ke zariye students apne ideas ko shape de sakte hain aur professional founders jaisa feel le sakte hain."

Goal: Ek simple, secure aur creative AI tool banana jo har student ko apne ideas ko confidently duniya ke samne rakhne mein madad kare\*\*,\*\*