

RoundOne AI – Revolutionizing AI-Powered Recruitment Interviews

Client Overview

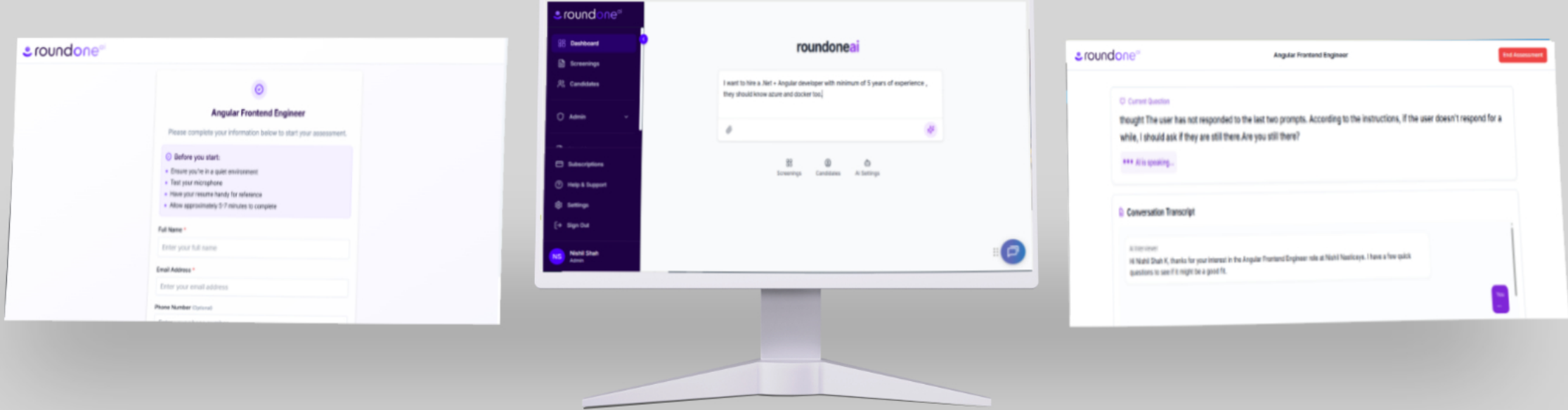
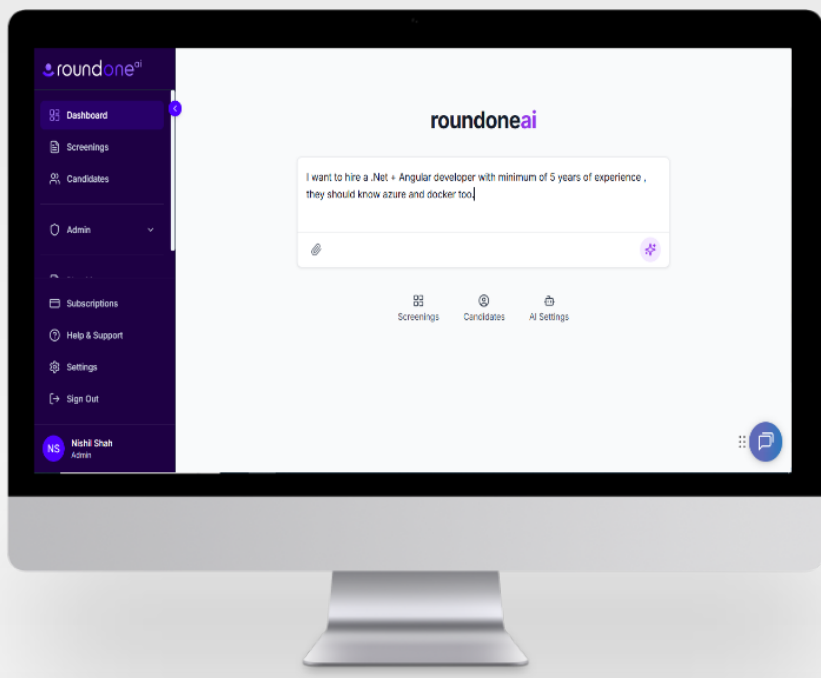
RoundOne AI is an innovative recruitment automation platform that leverages artificial intelligence to streamline the candidate screening and interview process. The platform allows companies and hiring managers to create jobs, conduct interviews in multiple formats (text, voice, and call), and review transcripts and analytics – all powered by advanced AI and speech technologies.

Problem Statement

Traditional hiring processes are **time-consuming, inconsistent, and heavily dependent on human availability**. Recruiters face challenges such as:

- Drafting accurate and role-specific job descriptions for every vacancy.
- Conducting multiple screening interviews to shortlist candidates.
- Maintaining consistency in evaluation across interviewers.
- Managing large volumes of candidate data, transcripts, and feedback.
- Limited ability to automate interviews without losing personalization.

The client envisioned an **AI-driven platform** that could conduct interviews independently – via call, chat, or voice – and deliver **structured candidate insights** to hiring teams.



Our Approach

Megh Technologies partnered with RoundOne to conceptualize, design, and develop a **scalable AI interview automation system**. The objective was to **mimic a human interviewer** using conversational AI, generate consistent evaluations, and seamlessly integrate results into existing hiring workflows.

The solution involved:

- **Requirement understanding** through detailed workshops with the client team.
- **Architecture design** to handle multimodal interviews and integrate with external systems.
- **Development using cutting-edge AI models** from OpenAI and ElevenLabs.
- **Workflow orchestration** using Azure cloud services to ensure reliability and scalability.
- **User-centric design** focused on recruiters' convenience and candidate accessibility.

Solution Highlights

AI-Assisted Job Creation

- Hiring managers can sign up and instantly start creating jobs.
- As soon as they type a job role, the AI detects and **suggests relevant positions**.
- Once finalized, the system auto-generates a complete job description, editable by the recruiter.

Skill-Based Interview Configuration

- Recruiters select the key skills for each job.
- The AI dynamically generates interview questions based on these skills, ensuring relevance and accuracy.

Automated Interview Modes

Candidates can choose between:

- **Text Interview** – Conversational Q&A over chat.
- **Voice Interview** – Record answers directly on the platform.
- **Call Interview** – Fully automated AI phone calls powered by Twilio and OpenAI Realtime models.

This **multi-mode flexibility** ensures accessibility and personalization for all candidate types.

Smart Interview Review Dashboard

- Hiring managers can **track candidates** per job posting.
- Every completed interview generates:
 - **AI-processed transcripts**
 - **Audio recordings (for call/voice modes)**
 - **Auto-generated summaries and insights**

Seamless ATS Integration

- The platform integrates with external Applicant Tracking Systems (ATS) using Knit API, pushing transcripts, scores, and candidate statuses automatically.

Technology Stack & Integrations

Component	Technology / Service Used	Purpose
AI Models	GPT-3.5, GPT-4, GPT-4o Mini	Job detection, JD generation, question creation, and transcript formatting
Speech Recognition	Whisper Large v3 / Turbo	Converting candidate responses (voice/call) into text
Text-to-Speech	OpenAI TTS-1, ElevenLabs Prime Voice AI	Generating natural conversational audio
Voice Call Automation	Twilio Voice API + OpenAI Realtime	Managing AI-driven phone call interviews
Backend Integration	Microsoft Azure (Logic Apps, Functions, API Management)	Orchestrating workflows, API communication, and storage handling
Data Storage	Azure Blob Storage	Secure management of audio files and transcripts
ATS Integration	Knit API	Syncing results and candidate data to external systems

Conclusion

RoundOne AI demonstrates how **AI can transform recruitment** by combining automation, natural conversation, and intelligent evaluation into a single cohesive system.

Megh Technologies successfully delivered a production-ready, enterprise-grade solution that empowers HR teams to focus on decision-making rather than repetitive coordination – bringing intelligence and efficiency to the hiring lifecycle.