Generative AI-Powered HR Chatbot

AskHR Nova – Powered by Noventiq

What It Solves:
- Manual HR query resolution;
- Scattered information sources;
- High HR team workload.

Key Features:
- Secure login via Azure AD (Entra ID);
- Natural language HR query handling (Web + Teams);
- Instant answers based on approved policies, FAQs, SOPs;
- Admin dashboard with usage logs, feedback tracking, branding.

Use Cases:
- Leave, LTA, and policy inquiries;
- SOP & compliance guidance;
- Document search & form retrieval;
- HR workload analytics.

Built With:
- Azure OpenAI + Embeddings;
- Azure App Services + Bot Framework;
- Azure Blob + Cosmos DB + Redis Cache;
- Microsoft Fabric (optional for analytics).

Impact Metrics:
- 40–60% reduction in HR support workload;
- 75% employee satisfaction in HR interactions;
- Real-time responses (~5 seconds);
- 100% alignment with latest HR policies.

Phased Service Approach

Phase 1: Discovery & Planning

- Stakeholder workshops to map high-frequency HR queries;
- Policy and SOP document collection & classification;
- Define chatbot use cases (Web, Teams, voice interaction);
- Identity & access planning (Azure AD integration).

Phase 2: Solution Design & Development

- Develop chatbot UI (Web app, optional Teams interface);
- Configure Azure OpenAI with embeddings and GPT;
- Set up document ingestion pipeline for HR policies, FAQs, SOPs;
- Build Admin Panel for content upload, monitoring, branding.

Phase 3: Deployment & Testing

- Deploy on Azure App Services in BPCL tenant;
- Enable secure access via Azure Entra ID (AD);
- Conduct UAT with HR team and pilot users;
- Implement feedback loop for real-time response evaluation.

Phase 4: Phase 4: Post-Go-Live Optimization (Optional)

- Add contextual memory toggle, audio interactions;
- Extend to Microsoft Fabric + OneLake for HR analytics;
- Continuous enhancement of prompt suggestions & embedding updates.

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Professional Services Deployment Scope

Phase	Scope of Work	Deliverables
Discovery	Use case mapping, policy collation, identity planning	Project blueprint, document schema
Development	Chatbot UI, AI model configuration, admin panel	Functional bot (Web + Teams), admin console
Deployment	Azure hosting, AD integration, UAT support	Deployed chatbot, test logs, user access setup
Support (Optional)	Post-go-live tuning, prompt optimization	Usage insights, updated embeddings, feedback loop

Estimated Delivery Timeline

5 workdays	12–15 workdays	5 workdays	5-7 workdays
Discovery & Planning	Development & Integration	Testing & Deployment	Optional Enhancements

Total Timeline: 4-5 weeks (18-25 business days)

Estimated Cost (INR)

Package	Description	Cost (INR)
Core Implementation	Web + Teams bot, admin panel, Azure AD, OpenAI integration	₹8,00,000 – ₹9,50,000
Optional Add-ons	Audio features, contextual memory, analytics dashboard	₹1,50,000 – ₹2,50,000
Support (30 days)	Post-deployment tuning & enhancements	₹1,00,000 – ₹1,50,000

NOTE: Final pricing may vary based on document volume, interface scope, and optional modules.

Ready to Enhance HR with AI-Powered Chatbots?

Request Demo:

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