

Noufiya Nazeem

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Portfolio: <https://my-portfolio-beta-ten-27.vercel.app/> • Nationality: Indian • Visa Status : Job Seeker Visa

PROFESSIONAL SUMMARY

Analytical and detail-oriented AI & Full Stack Development with hands-on experience in developing AI-powered web platforms, automation tools, and data-driven dashboards. Skilled in **Python, SQL, JavaScript, and API integration**, with strong knowledge of **AI and ML concepts, LLM prompt engineering, Low-code/no-code Platform and AI workflow automation**. Passionate about designing intelligent systems that bridge data, analytics, and user experience.

SKILLS

Programming Languages: Python, SQL, PL/SQL, JavaScript, HTML, CSS, Tailwind CSS

Frameworks, AI/LLM Tools & Libraries: React.js, Next.js, Pygame, Tkinter, Groq, Ollama, NLP, PyPDF2, LangChain, LlamaIndex, MakerSuite API, Firebase AI, Supabase, Pabbly API, Hugging Face, PyTorch, LLaMA, Gemini, OpenAI GPT, Claude, Zapier, n8n, Anaconda, Conda Environments, Visual Studio Code

Databases: MySQL, PostgreSQL (Supabase), Oracle

Tools & Platforms: Cursor AI, Google AI Studio, Pabbly, Shopify, Git/GitHub, Vercel, Webhooks, Power BI, Excel.

Specialties: AI Technologies, LLM , RAG Pipelines, Vector Databases, Data Science, Data Analytics & Visualization, System Design, software workflows, Agile development, AWS, MCP, Playwright, Web Crawlers, Unit testing, Functional testing, and Test automation.

Languages: Malayalam (Native), English (Proficient), Hindi (Advanced), Tamil (Basic)

Soft Skills: Self-management, Problem Solving, Quick Learner, Team Collaboration

PROJECTS AND WORK EXPERIENCES

1. *AI and Full Stack Developer | Freelancer | Remote/Dubai, UAE | 06/2023 – Present*

Hugging Face RAG Document QA | Python, Flask, FAISS, Hugging Face, Next.js | 2025

- Built a full-stack AI Q&A system for querying PDFs using embeddings and LLMs.
- Backend: Python, Flask, PyPDF2, FAISS, sentence-transformers for PDF ingestion, text chunking, and vector search.
- Frontend: Next.js for PDF upload, document selection, question submission, and real-time answer display.
- Integrated Hugging Face Transformers QA pipeline for AI-powered answers.

AI -Powered ATS Resume Analyzer | Google Gemini LLM, Streamlit, Python | 2025

- Built an ATS-powered resume analysis system using Google Gemini LLM, Streamlit, and Python.
- Integrated Google AI Studio API key authentication and securely managed environment variables using .env.
- Used Gemini 2.x models to evaluate resumes and generate structured JSON outputs.
- Implemented PDF text extraction using PyPDF2 and automated job description comparison.
- Designed a clean, user-friendly Streamlit web interface for uploading resumes and viewing AI-generated insight.

Voice AI Assistant | FastAPI, Whisper, Groq, gTTS | 2025

- Developed a real-time voice AI system capable of transcribing audio, generating LLM-based replies, and synthesizing speech output.

- Delivered end-to-end architecture including STT, LLM reasoning, and TTS modules within a scalable FastAPI service.
- Deployed on Render with CI/CD-based updates, API routing, and audio processing optimization for low latency.

AI Customer Support Chatbot | Groq LLaMA 3.1, Supabase, Next.js | 2025

- Built a real-time AI chatbot using **Groq's LLaMA 3.1 model** for fast and accurate natural-language answers
- Developed a chat API using **Next.js App Router**, delivering multi-turn conversations without predefined rules.
- Stored user queries and chatbot responses in **Supabase** for analytics and conversation history.
- Designed a modern UI using **Tailwind CSS** with seamless message streaming and error handling
- Supports general knowledge queries, math, and customer support FAQs with high accuracy.

AI-Powered Web Automation | Next.js, Supabase, WhatsApp API | 2025

- Built responsive web platforms and analytics dashboards using **Next.js** and **Supabase**, implementing booking and wishlist modules with automated **WhatsApp API integration** to streamline confirmation workflows and cut manual admin effort by **60%**.

HR Analytics Dashboard | Power BI, Excel | 11/2024 – 03/2025

- Built an interactive HR dashboard visualizing attrition, tenure, and demographics.
- Applied data modelling and DAX to compute real-time KPIs such as attrition rate and average salary.
- Enhanced HR decision-making through data-driven insights and visual storytelling.

Two-Player Games Suite | Python (Pygame) | 04/2024 – 09/2024

- Designed a Python-based multi-game app with scoreboard, sound, and offline mode, achieving 20+ installs in the first month.

2. IT Support Analyst | Microtech Institute of Computer Technology | Punalur, India | 08/2020 – 08/2022

- Resolved 100+ technical issues monthly related to login access, file recovery, and software crashes, ensuring minimal workflow disruptions.
- Streamlined database accuracy by writing **SQL** queries to automate data updates and corrections.
- Developed and maintained IT reports supporting system optimization and troubleshooting.
- Applied data analysis techniques to improve incident resolution time and overall system performance.

EDUCATION

Master of Computer Applications (MCA) | University of Kerala | 07/2022 – 09/2024 | 76%

B.Sc. Computer Science | University of Kerala | 06/2017 – 06/2020 | 70%

COURSES AND CERTIFICATIONS

Data Analytics – Codtech IT Solutions (01/2025)

SQL Certification: Basic to Advance – Geekster (08/2024)

Python Programming Fundamentals – Geekster (08/2024)

Introduction to Data Structures in Python – CodeSignal (08/2024)

VOLUNTEERING & LEADERSHIP

National Service Scheme Volunteer | 06/2015 – 03/2017

Organized community initiatives including health camps, environmental drives, and vocational training workshops.