PRATIBHA SHARMA

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LinkedIn
Github
Portfolio

EDUCATION

Hindu Institute of Management and Technology	**Haryana, India**
Master's of Computer Applications : CGPA : 07.48	June 2022 - December 2024
SH. L.N Hindu College	**Haryana, India**
Bachelor's of Computer Applications : CGPA : 06.84	June 2012 – August 2018

SKILLS SUMMARY

- **Languages:** Python, SQL , JAVA
- **Framework:** Django(beginner-level), Spring(Basics)
- **Tools:** MYSQL, SQlite
- **Platforms:** Jupyter, Notebook, Visual Studio Code
- **Soft-Skills:** Effective communication and teamwork, Time management and multitasking, Attention to detail
- **Concepts:** REST APIs, MVC Architecture, Backend Development

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💼 PROFESSIONAL EXPERIENCE

JAVA Developer – Company Project: Persistance & Reconciliare
Cognizione Consulting pvt Solutions, Munirka(Delhi) — 04/2024 to 11/2024

- Developed and maintained backend components for enterprise financial reconciliation systems.
- Collaborated with a team of 5+ developers using Agile methodology.
- Wrote efficient SQL queries and integrated data layers for business logic.
- Participated in debugging, testing, and code reviews.
- Gained strong understanding of web architectures, APIs, and object-oriented principles.

PROJECTS

1. AI Chatbot Web Application Live link
Tech Stack: Python, Django, Gemini API (by Google), HTML, CSS, JavaScript, AJAX, Web Speech API, SQLite, Render

Key Features:

- Built a conversational AI chatbot integrating **Gemini API** for natural language understanding and response generation.
- Developed secure user authentication with Django's built-in system for login, registration, and session management.
- Implemented real-time chat interface with AJAX-powered message exchange.
- Enabled voice-based input using **Web Speech API** for seamless user interaction.
- Displayed AI-generated code and formatted responses with **Prism.js** syntax highlighting.
- Added user prompts like "Processing…" during AI response generation to enhance user experience.
- Used Django messaging framework for dynamic feedback on authentication actions.
- Deployed on **Render** with static file handling via **WhiteNoise** middleware.

2. Multi UserTo-Do Web Application Live link
Tech Stack: Django, HTML, CSS, SQLite

- Developed a basic CRUD-based to-do app using Django framework.
- Implemented user authentication, task creation, update, delete, and completion features.
- Used Django's templating system to dynamically render task lists.
- Stored task data using SQLite and managed forms using Django's form library.