

Sneha Bajpai

Phone: 7905902780 | Email: sneha.bajpai1903@gmail.com | LinkedIn: [linkedin.com/in/sneha-bajpai-7528a7259](https://www.linkedin.com/in/sneha-bajpai-7528a7259) | GitHub: github.com/snehabajpai19

Career Objective

Motivated Full Stack Developer and AI enthusiast with experience in building AI-driven web apps using Python, Flask, React.js, and LangChain. Seeking an opportunity to apply my skills in a dynamic environment and contribute to impactful, scalable solutions.

Education

Bachelor of Technology, Computer Science (Expected 2026)	
Abdul Kalam Technical University (AKTU), Kanpur	GPA: 9.23/10.0 (Till 6th Semester)
Senior Secondary (XII), Science (2022)	
Sheiling House School, Kanpur	Percentage: 95%
High School (X) (2020)	
Sheiling House School, Kanpur	Percentage: 97%

Projects

Ecommerce Management App <i>Flask, MariaDB, HTML, CSS, JavaScript, Bootstrap</i> Github	Jan 25 - ongoing
Created a dashboard handling 10+ SQL tables with full CRUD, improving efficiency by 40%.	
AI Agent Using an Ollama-Based RAG System <i>Python, Django, Ollama, LLMs, Chroma DB, RAG</i> Demo	Dec 24 - Mar 25
Designed a scalable chatbot with document upload and dynamic querying using Ollama & LangChain.	
Banking Application using DAO <i>JDBC, Oracle, Eclipse IDE, Java and DAO</i> Github	Sep 24 – Nov 24
Developed a Java-based Banking Application using the DAO design pattern for efficient data access and modular code structure.	
Employee Management System <i>J2EE, Servlet, HTML, CSS, JavaScript, JDBC, Oracle, DAO</i> Github	Jan 24 – Mar 24
Built an Employee Management System using Java Servlets and DAO pattern to handle employee records with efficient CRUD operations and modular architecture.	

Experience

Python Developer Intern	IIT Kanpur — Jan 2025
Built an E-commerce dashboard managing 10+ SQL tables.	Guide: Prof. B.M. Shukla (HOD CSE, IIT)
AI Developer	IIT Kanpur — Dec 2024 – Mar 2025
Developed a RAG chatbot using Ollama + LangChain with 95% query accuracy.	Guide: Prof. Navpreet Singh (IIT)

Technical Skills

Languages:	Java, Python, C/C++/C	Databases:	Oracle, MySQL, MariaDB, MongoDB
Frameworks:	Flask, Django, FastAPI, MERN, DAO, J2EE	Subjects:	DBMS, OOPS
AI/ML:	Pandas, NumPy, LangChain, Deep Learning, Generative AI		

Soft Skills

Critical thinking, Deep research, Communication skills, Systemic thinking, Teamwork, Leadership

Certifications

i. AWS Cloud Practitioner Essentials	ii. HTML5	[Infosys Springboard]	iii. JavaScript	[Infosys Springboard]	
iv. Bootstrap	[Infosys Springboard]	v. CSS3	[Infosys Springboard]	vi. DBMS	[Infosys Springboard]
vii. ML with Python	[freeCodeCamp 2024]	viii. AI Agents	[HuggingFace]		