

# Arpit Srivastava

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## Professional Summary

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Aspiring Software Developer with a solid foundation in backend and full-stack development, skilled in problem-solving through competitive programming and Data Structures. Passionate about creating impactful web applications, currently diving into AI and expanding knowledge in advanced algorithms to drive innovation.

## Education

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**Dr. APJ Abdul Kalam Technical University**, Lucknow

Oct 2021 – June 2025

- Bachelor's of Technology in Computer Science and Artificial Intelligence
- **Coursework:** Data Structures, Operating System, DBMS, Cloud Computing

## Experience

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**Software Engineer Intern**, Newgen Software – Noida, Uttar Pradesh

June 2024 – Present

- Created a highly interactive chatbot using **Python** and **Streamlit**, seamlessly integrated with **Gemini's API** to retrieve real-time data with over 95% accuracy.
- Designed an intuitive user interface that significantly enhanced user experience, resulting in user satisfaction rates exceeding 85%, and implemented advanced **Natural Language Processing (NLP)** techniques to ensure accurate responses to over 90% of user queries.
- Applied **CRUD (Create, Read, Update, Delete)** operations, allowing for quick management of tasks and ensuring real-time updates for users through WebSocket integration, handling up to **1,000 concurrent users** without performance degradation.
- Incorporated **MySQL** for secure and efficient data storage, achieving data retrieval times of under 200 milliseconds, and rigorously tested APIs using **Postman** to guarantee seamless interaction between the front end and back end for hundreds of tasks.

## Projects

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**TaskTrail** | [LINK](#)

- Built a full-stack Todo App using **React** for the front end and **Spring Boot** for the back end, with complete **CRUD** functionality.
- Integrated **MySQL** for data storage and tested the application with **Postman**.
- Tech Stack Used: React, Spring Boot, Postman, MySQL,

**Convo Bot** | [LINK](#)

- Created an interactive chatbot using **Python** and **Streamlit**, integrating **Gemini's API** for real-time data handling.
- Applied **API integration** for precise data retrieval and utilized **NLP** techniques to enhance response relevance and accuracy.
- Tech Stack Used: Python, Streamlit, API Integration

**Portfolio Website** | [LINK](#)

- Designed and developed a responsive portfolio website using Frontend Development Skills to showcase projects and skills.
- Tools Used: HTML, CSS, Javascript, Bootstrap

## Skills

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**Languages:** C++, Python, Java, Javascript, SQL

**Technologies/Frameworks:** React.js, Node.js, Spring Boot, Django, Git, Postman, MySQL

**Softskills:** Communication, Problem Solving, Collaboration, Time Management