

# Arsh Iqbal

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## EDUCATION

### Akhilesh Das Gupta Institute of Professional Studies

Bachelor of Technology (B.Tech) in Computer Science; CGPA: 8.3/10

New Delhi, India

2023 - Present

### Government Senior Secondary School

Higher Secondary (Class XII), CBSE; Percentage: 70%

Delhi, India

2021 - 2022

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, JavaScript, SQL

**Frameworks & Tools:** React.js, Node.js, Express.js, Tailwind CSS, HTML, CSS, Git

**Libraries & AI:** NumPy, Pandas, IBM Watsonx Assistant, Hugging Face API, MongoDB, PostgreSQL

## ACADEMIC PROJECTS

### Zoo Chatbot Application

React.js, IBM Watsonx

Frontend Developer & AI Integration

- Developed a responsive frontend interface using React.js to serve as a comprehensive portal for zoo information.
- Engineered an intelligent conversational agent using IBM Watsonx Assistant to handle user queries and improve engagement.
- Implemented dynamic response handling to guide users through zoo attractions effectively.

### AI Image Generation Platform

React.js, Tailwind CSS, Hugging Face

Full Stack Developer

- Built a dynamic image generation website leveraging React.js for the architecture and Tailwind CSS for modern styling.
- Integrated the Hugging Face API to fetch and render AI-generated images based on user text prompts.
- Optimized API calls to ensure fast rendering and a seamless user experience.

### E-Commerce Frontend

JavaScript, HTML, CSS

Frontend Developer

- Designed and implemented a functional e-commerce web interface using vanilla JavaScript, HTML, and CSS.
- Integrated secure user authentication functionality using JSON Web Tokens (JWT).
- Created a responsive layout ensuring compatibility across various device sizes.

### Pomodoro Productivity Tool

Web Technologies

Frontend Developer

- Created a productivity website utilizing the Pomodoro technique to help users manage time effectively.
- Implemented timer logic and user customization features to enhance focus sessions.

## CERTIFICATIONS & COURSES

- **Web Development Bootcamp (Angela Yu)**, Udemy. Built dynamic web applications using React.js, Node.js, and Express.js. Learned database management with MongoDB, SQL, and PostgreSQL.
- **IBM Chatbot Certification**, IBM. Acquired practical skills in building chatbots using IBM Watsonx Assistant. Studied core Machine Learning concepts including supervised, unsupervised, and reinforcement learning.

## EXTRACURRICULAR ACTIVITIES

- **Coding Competitions:** Ranked among the top 5% of class and actively participated in school-level coding competitions.
- **Hobbies:** Passionate about learning new technologies, software development, and problem-solving.