Ashutosh Upadhyay

Uttar Pradesh, India

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Education

Bachelor of Technology in Computer Science and Engineering   *Aug 2021 - June 2025*
Graphic Era University, Dehradun. **CGPA :** *7.4*

CBSE, Class XII   *July 2021*
Sunbeam School, Ghazipur, Utta Pradesh, *95%*

CBSE, Class X   *May 2019*
Sunbeam School, Ghazipur, Uttar Pradesh, *87.7%*

TECHNICAL SKILLS

- **Operating Systems:** *JAVA, C, C++, JavaScript*
- **Front-end Development:** *HTML, CSS, React*
- **Back-end Development:** *Spring Boot*

- **Database:** *MongoDB, MySQL*
- **Version Control:** *Git, GitHub*
- **Soft Skills:** *Creativity, Problem Solving, Clarity of Thinking*

COURSEWORK

- Operating Systems
- Object-Oriented Programming

- Database Management Systems
- Algorithms and Data Structures

Projects

Josh Social

- Designed and developed a scalable social media web application, inspired by Instagram, enabling seamless user registration, post creation, media uploads, real-time interactions (likes & comments), and follow/unfollow features.
- Built a responsive and intuitive UI with ReactJS, integrated secure REST APIs using Spring Boot, and optimized data handling with MySQL for efficient performance and scalability.
- Tools Used: ReactJS, Spring Boot, MySQL.

URL Shortener

- Built a high-performance URL shortening web application that converts long URLs into compact, shareable links, with instant redirection and click tracking capabilities.
- Developed a responsive frontend using ReactJS, implemented secure REST APIs with Spring Boot, and integrated MySQL for persistent link storage and analytics.
- Tools Used: ReactJS, Spring Boot, MySQL.

SpringAI Projects:-

1. Gemini Chatbot   https://geminichatbot

- Designed and implemented an intelligent chatbot, harnessing the Google Gemini API to provide real-time, context-aware responses. The solution features a responsive ReactJS frontend and a robust Spring Boot backend, with deployment on Render to guarantee high availability and scalable performance.

2. Gemini Email Assistant   https://email-assistant

- Created an AI-powered email assistant by leveraging the Google Gemini API to provide real-time suggestions within a custom Chrome Extension. The application features a Spring Boot backend and a ReactJS frontend, deployed on Render for seamless cloud integration.

3. Image Generator

- leveraging the Google Gemini API to translate user prompts into visual art. The solution was architected with a responsive ReactJS frontend for an intuitive creative experience and a Spring Boot backend to ensure robust and secure API management.
- Tools Used: ReactJS, Spring Boot, Gemini API, Chrome Extension, Render,Spring-AI.