

# Ashish Kumar Singh

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## Education

ABES Engineering College(*Ghaziabad, Uttar Pradesh*), Bachelor of Technology - 2022 - 2026  
Computer Science and Engineering **CGPA: 7.93 (Till 5th Semester)**

St. Atulanand Residential Academy( *Senior Secondary*) – **Percentage: 87.8%**, and  
BPS Public School(Secondary) - **Percentage: 85.2%**

## Technical Skills

**Languages:** Java, JavaScript, TypeScript, SQL, HTML, Python

**Frameworks:** Node.js, Express.js, React.js, Tailwind CSS

**Developer Tools:** VSCode, Git, GitHub, IntelliJ IDEA, Postman, Eclipse

**Databases:** MySQL, MongoDB

## Projects

**PIXEL-CODE (Online Education Platform) (Live-Demo | GitHub)** Aug 2024- Nov 2024

- Designed and developed a **MERN-based online education platform** enabling instructors to create and sell courses while allowing students to purchase and learn seamlessly.
- Implemented secure **authentication** and a responsive UI/UX for an optimal learning experience.
- Collaborated on **performance optimization**, ensuring scalability and **smooth user engagement**.
- Tech Stack:** MongoDB, Express.js, React.js, Node.js, Redux, Tailwind CSS

**SnipAI – AI-Powered Code Review Platform (Live-Demo | GitHub)** Jun 2025

- Built an AI code review tool using **Gemini 2.0 Flash API** for smart suggestions, bug detection, and optimization.
- Developed a secure backend with **Node.js and Express** for prompt handling, token management, and dynamic AI responses.
- Integrated a **real-time code editor** with **syntax highlighting** and **PrismJS**.
- Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, Gemini 2.0 Flash API, PrismJS.

**Blogging Platform (Live-Demo | GitHub)** Jul 2024-Aug 2024

- Developed a feature-rich blogging platform where users can create and engage with blogs through comments, likes, and dislikes.
- Secured the platform with **authentication (JWT)** and **role-based access** control for users and admin
- Developed an **admin dashboard** to track user activities, moderate content, and manage platform analytics.
- Tech Stack:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS.

## Achievements

- Solved **500+ questions** on different platforms such as **LeetCode**, **CodeChef**, **CodeForces**, **GFG**.
- 5 Stars** in Problem Solving and **4 Stars** in Java at HackerRank.
- Participated in **SIH(2023)**, a national-level hackathon, and qualified at the college level.

## Certifications

- AWS Academy Cloud Foundation.
- Problem Solving(Basic) at HackerRank.
- Java Masterclass 2025 at Udemy.