

## Education

- Ajay Kumar Garg Engineering College** Ghaziabad, UP, India  
*Bachelor of Technology - Computer Science and Engineering; GPA: 8.72* October 2023 - June 2027  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases*

## Skills Summary

- Languages:** JAVA, C, HTML CSS, Tailwind, JavaScript, ReactJs, MERN
- Frameworks:** SpringBoot, MongoDB, ReactJS, NodeJS,
- Tools:** Docker, GIT, PostgreSQL, IntelliJ, VSCode

## Work Experience

- Cloud Computing Cell** [Visit Site](#) Ghaziabad UP India  
*Backend Developer (Full-time)* October 2024 - working
  - Developing and maintaining backend services for various college projects using Spring Boot and MongoDB Atlas.:** Enhancing authentication and security by integrating JWT-based authentication.
  - Implementing RESTful APIs for seamless communication between frontend and backend.:** Developed a user registration system with email OTP verification for enhanced security.
  - Worked with frontend teams to integrate APIs seamlessly and troubleshoot issues :** Managed and structured NoSQL databases (MongoDB Atlas) for efficient data retrieval and storage.

## Projects

- QuizApp:** Technologies: Spring Boot, MongoDB Atlas, JWT, RESTful APIs, Postman [Demo Link](#)  
Developed a secure backend for an online quiz application using Spring Boot and MongoDB Atlas. Implemented user authentication with JWT-based access and refresh tokens for security. Designed and managed a NoSQL database schema to store quizzes, questions, user scores, and results. Developed admin functionalities for quiz creation, modification, and real-time quiz control. Ensured CORS security for admins and players. Tested backend APIs with Postman, ensuring high performance and reliability.
- MailCraftAI:** Technologies: Spring Boot, Gemini API, React, RESTful APIs, Render, Vercel [Demo Link](#)  
Developed a full-stack email assistance application, MailcraftAi, leveraging the Gemini API for tone-based email replies. Designed and implemented a React-based frontend, providing a user-friendly interface for generating email responses in various tones. Deployed the backend service on Render and the frontend application on Vercel, ensuring global accessibility and high availability. Utilized RESTful APIs for secure and efficient communication between the frontend and backend.
- MyFinance:** Technologies: Spring Boot, React, JWT, RESTful APIs, Render, Vercel, PostgreSQL [Demo Link](#)  
Created "MyFinance," a full-stack personal finance tracker. The application allows users to manage daily expenses, with functionalities to add, delete, and monitor spending. It includes a scheduled reminder system that sends notifications to users' emails, helping them stay on top of their financial goals. Built with a Spring Boot backend and a React.js frontend..

## Technical Skills

- Frontend:** HTML, CSS, Tailwind, JavaScript, Reactjs
- Backend:** Spring Boot, SpringMVC, Spring
- Database:** PostgreSQL, MongoDB, MySQL, SQL
- Authentication:** JWT, OAuth, Recaptcha
- Testing:** Postman, ThunderClient
- Deployment:** Render, Vercel, Koyeb, AWS, CICD, DockerFile, GithubActions