Sambhav Seth

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EDUCATION

ABES Engineering College   Ghaziabad
Bachelor of Technology, Computer Science, GPA: 8.0/10.0   *Nov 2022 – July 2026*

- **Project App:** Developed role-based access control, ensuring only assigned employees could view their respective projects, increasing data security by **80%**. Calculated profit margins with an accuracy of **95%** and added **20+** validations to enhance data integrity. [Project Link]

- **Finance App:** Developed and integrated **5+** complex financial formulas to create a financial product in Horilla HRMS, improving financial workflow automation by **40%**. [Finance Link]

- Optimized application workflows using Python, JavaScript, and databases, reducing query execution time by **25%**.

- Implemented Best Practices (**95%+**) for software development, security, and performance optimization.

- Applied SEO techniques, improving web-based HRMS visibility and search ranking by **80%+**.

PROJECTS AND COMPETITIVE PROGRAMMING

Car Website | *Django, HTML, CSS, Js*   Oct 2024 – Nov 2024
- Developed a responsive and feature-rich website for buying and selling cars with a user-friendly interface and seamless navigation.

- Built a website with Django and Js for backend and HTML/CSS for frontend.

- Incorporated SQLite database management system, streamlining data storage for 50+ car listings and 10+ user profiles, leading to a 30% faster query response time during peak usage

- Prepared responsive HTML templates using CSS and Bootstrap, creating a seamless user experience that resulted in 200+ positive user feedback comments on usability within the first month of launch.

- Optimized website responsiveness for various devices, achieving a **75%+ performance score on Lighthouse**, focusing on accessibility, performance, and best practices.

- Executed SEO techniques, structured data, and clean URLs, achieving a **80%+ SEO score** to improve search engine ranking and visibility.

Blog Website | *Django, HTML, CSS*   Jul 2024 – Oct 2024
- Designed a blog website showcasing admin-only content creation and public accessibility, ensuring a user-friendly experience.

- Composed a comprehensive backend architecture using Django, enabling seamless management of over **100** blog posts while enhancing user interaction capabilities; achieved an average response time reduction of more than 20 seconds per request. .

- Admin panel for managing blog posts with **4** CRUD operations (Create, Read, Update, Delete).

- Implemented a responsive design with an optimized layout ensuring **100%** compatibility across all devices.

Competitive Programming | *C++, Python, Java*   Jun 2023 – Present
- Solved over **800+** problems on GeeksForGeeks, LeetCode, and Codeforces.

- Achieved a **1400+** coding score on GeeksForGeeks.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML/CSS
Frameworks: Django, Flask
Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib, GTTS, Base64