

# NILESH SINGH

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## Education

Ajay Kumar Garg Engineering College, Ghaziabad  
Bachelor of Technology - Information Technology

2022–2026  
CGPA: 7.8

## Experience

IBM SkillsBuild |

July, 2025

Frontend Developer

- Spearheaded key features for the e-commerce application using React, JavaScript, HTML, and CSS, improving code reusability by 40% through modular component design and implementation.
- Constructed a component library of 25+ React components, promoting code reuse and enabling developers to rapidly build new features with a consistent look and feel throughout the platform.

## Projects

Budget Buddy | *HTML, CSS, JavaScript, React.js, PostgreSQL*

June, 2025

- Developed a full-stack web application using React.js, Next.js, and PostgreSQL to track daily expenses and earnings, including account creation and login features.
- Implemented customizable sections for managing expenses, ensuring a secure, scalable, and user-friendly experience.

Orbius | *HTML, CSS, JavaScript, Node.js, Google Gemini Pro API*

Aug, 2025

- Integrated a role-playing conversational platform using asynchronous JavaScript, integrated with Google Gemini Pro API, enabling real-time AI-driven interactions and achieving 95% user satisfaction.
- Managed API requests and asynchronous JavaScript for seamless user experience, delivering a responsive and reliable conversational AI platform.

Vendora | *HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB*

June, 2025

- Team Project for the GFG Live The Code 3.0 Hackathon.
- Transformed the traditional vendor management system into a responsive web application, enhancing efficiency and user experience.
- Developed and deployed RESTful APIs alongside MongoDB integration, ensuring real-time data synchronization that is now utilized by over 15 vendors, enhancing collaboration and communication within the supply chain.

## Technical Skills

- **Languages:** C++, Python, Java
- **Web Development:** HTML, CSS, JavaScript, Tailwind CSS, Bootstrap, Flexbox, React.js, Node.js, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Developer Tools:** VS Code, CodeSandbox, Replit
- **Version Control:** Git, GitHub
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, DBMS, Data Analytics, Operating Systems, Computer Networks, Software Engineering, Machine Learning
- **Soft Skills:** Adept, Level-Headed, Time-conscious, Multitasking, People Management

## Achievements

- 4-star HackerRank in coding challenges.
- Pioneered over 400 coding problems on LeetCode, GeeksforGeeks, improving algorithm design, coding efficiency, and optimization skills.
- Drove in Adobe GenSolve Hackathon, delivering a working prototype in 24 hours.
- College-level competitor in TCS CodeVita, ranked in top 2%.
- Software Engineering Job Simulation – Certificate of Completion.

## Courses and Certifications

- The Complete 2024 Web Development Bootcamp
- Data Structures and Algorithms with C++/Java

## Position of Responsibility

Discipline Committee

2023 – 2024

- Managed 10+ student-led initiatives and devised streamlined reporting systems, fostering an inclusive campus culture and improving disciplinary response time by 30%.