

# Shreyansh Kumar Singh

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## EDUCATION

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**Galgotia College of Engineering and Technology**, Greater Noida, UP, India | B.tech in Electrical and Electronics Engineering | **sgpa : 7.43/10.0** *Oct 2020 - Present*  
(**Coursework:** Power System, Electrical Machine, Control system, Microprocessor, Microcontroller, Arduino)  
| Knowledge in Computer Science | *May 2022 - present*  
(**Coursework:** Web Technology, Operating Systems, Software Engineering, Databases, Internet of Things)

## TECHNICAL SKILLS

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**Programming:** Java, DSA, Python, JavaScript, HTML, CSS

**Operating Systems:** Linux, Unix, Windows

**Web Technologies and Test Frameworks:** React, React Native, Angular.js, Node.js

**Distributed Systems and DevOps:** AWS, AWS Amplify, AWS Lambda, AWS DynamoDB, API Gateway

**Database Technologies:** MySQL, MongoDB

**Platform & Tools:** Git, GitHub, Postman

## EXPERIENCE

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**Java Developer** | Codsoft | *India* *July 20 2023 - August 20 2023*

- Worked as a Java Developer, contributing to various software development projects. I gained hands-on experience in Java programming and software engineering practices.
- Successfully completed all assigned tasks ahead of schedule, demonstrating strong time management and technical skills.

**Teaching Assistant** | N.B.S Academy | *India* *May 2023 - July 2023*

- Facilitated engaging and interactive classroom sessions to students in classes 11 and 12, teaching the fundamental concepts and practical applications of Java programming and HTML.
- Designed and developed a comprehensive curriculum, ensuring alignment with academic standards and fostering a positive learning environment for the students.

## ACADEMIC PROJECTS

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**Attendance Marking Robot** (*Arduino, Microcontroller, ESP32 CAM, Omni wheels*) *Sept 2022 - Dec 2022*

- Made an moving attendance marking robot using Arduino, Microprocessor, and Camera .
- Worked in a team of 5, learned and researched about Arduino used in robot, Microprocessors and Cameras for image taking , cloud storage for storing the taken image and motor for movement .
- Reduced time and effort require to record the attendance , minimized error and provide more timely and accurate attendance data, learned Team management, Web Scrapping skill and Presentation skills.

**Amazon-clone**(*HTML, CSS, Javascript,* ) *July 2023*

- Description: Independently developed a responsive and visually appealing Amazon website home page clone using HTML, CSS, and JavaScript, showcasing a strong understanding of front-end web development principles.
- Successfully recreated the Amazon website home page layout, including header, search bar, product grid, and footer sections.
- Received positive feedback from peers and mentor for the attention to detail and ability to match the original design.

**Cineflix - Movie Recommendation Website** (*HTML, CSS, JavaScript*) *July 2023*

- Description: Independently designed and developed Cineflix, a feature-rich movie recommendation website inspired by Netflix. This project showcases my proficiency in front-end web development, including HTML, CSS, and JavaScript, and demonstrates my ability to create responsive and user-friendly interfaces.
- Incorporated a user-friendly interface with dark and light mode theme switching, enhancing user experience and accessibility.
- Developed a responsive homepage layout with a clean and intuitive design, ensuring optimal viewing on various devices.
- Demonstrated strong attention to detail in aligning elements and optimizing visual hierarchy.

**Student Course Registration System** (*JAVA*) *Aug 2023*

- As part of my journey as a Java developer, I conceptualized and developed a comprehensive Student Course Registration System, demonstrating my proficiency in Java programming, object-oriented design, and software development practices.
- This project empowers students to efficiently enroll in new courses, manage their course selections, and view enrollment details.