Mayank Pandey

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EDUCATION

Shri Ramswaroop Memorial College of Engineering and Management Lucknow, UP
Bachelor of Technology in Electronics and Communication *Aug. 2019 – June 2023*

Sanskriti Public School Gorakhpur, UP
Interediate *April 2016 – March 2018*

Sanskriti Public School Gorakhpur, UP
Highschool *April 2014 – March 2016*

EXPERIENCE

Trainee June 2022 – July 2022
Northern Eastern Railway *Gorakhpur*

- Gained hands-on experience in the maintenance and operation of axle counters, which are used for train detection and ensuring railway track occupancy.
- Assisted in the installation, testing, and troubleshooting of axle counter systems.
- Collaborated with senior engineers and technicians to understand the intricacies of axle counter technology and its applications in railway safety and operations.

PROJECTS

E-Commerce Website | *JavaScript, HTML, CSS*

- Designed and developed a responsive e-commerce website from scratch using HTML5 and CSS3
- Implemented modern web design principles to ensure a user-friendly experience and intuitive navigation
- Optimized website performance through efficient CSS styling techniques and image compression, resulting in faster load times and improved user retention

Geometry Shape Project | *Java*

- Developed a Java-based geometry shape project utilizing object-oriented programming principles to model geometric shapes such as circles, squares, triangles, and rectangles
- Implemented algorithms to calculate properties such as area, perimeter, and centroid for each geometric shape, ensuring accuracy and efficiency
- Incorporated user input validation to handle edge cases and ensure robustness of the application Incorporated user input validation to handle edge cases and ensure robustness of the application
- Applied design patterns such as Factory Method or Builder Pattern to create and initialize complex shapes dynamically

TECHNICAL SKILLS

Languages: Core Java, JavaScript, Python, HTML,CSS
Database: SQL
Frameworks: ReactJs
Developer Tools: Git, VS Code, Eclipse

CERTIFICATES

Core Java
JavaScript
ReactJs
HTML
CSS
SQL
Python for Data Science