

# SHIVAM KUMAR

☎ (+91) 7779858260 ✉ [shivam123id0884@gmail.com](mailto:shivam123id0884@gmail.com) 🔗 [Shivam's LinkedIn](#) 🌐 [Shivam's GitHub](#) 📁 [Shivam's LeetCode](#)

## Education

### National Institute of Technology, Rourkela

*Bachelor of Technology in Industrial Design Engineering (CGPA - 7.65)*

August 2023 – Present

*Rourkela, Odisha*

### Mahatma Gandhi High School, Jhajha (BIHAR)

*AISCCE – BSEB, Science (PCM) (Percentage - 82.8%)*

April 2023

*Jhajha, Bihar*

### Mahatma Gandhi High School, Jhajha (BIHAR)

*AISSE – BSEB (Percentage - 89.8%)*

April 2021

*Jhajha, Bihar*

## Relevant Coursework

- Data Structures and Algorithm
- AI/ML
- Object Oriented Programming
- Web Development
- Database Management
- Elements and Principles of Design

## Projects

### Wanderlust – Full Stack Travel Application

WanderLust-2025

*Tech Stack: HTML, CSS, JavaScript, Node.js, Express, EJS, MongoDB, Passport.js, Google Maps API*

- Built a responsive travel platform using Model-View-Controller (MVC) architecture for scalable code organization.
- Implemented user authentication and session management with Passport.js.
- Integrated Google Maps API to display interactive maps and location-based searches.

### Cycle Store – React Web Application

Cycle-store-2025

*React, Bootstrap, Twilio API*

- Built a responsive cycle store web application using React and Bootstrap for an engaging user interface.
- Integrated Twilio API on the backend to enable real-time messaging for customer inquiries and store notifications.

### Simon Game – Web-Based Mini Game

Simon-2024

*HTML, CSS, JavaScript*

- Developed a Simon Game using HTML, CSS, and JavaScript with color sequence logic and level progression.
- Added button animations and sound effects to make the game interactive and fun to play.

## Achievements/Certifications

- **Certified in MERN Stack Development – Apna College** 2024-2025  
Completed an intensive MERN stack program, mastering full-stack development with focus on scalable, dynamic, and data-driven web architectures.
- **Data Structures and Algorithms** 2025  
Successfully resolved over 200 intricate Data Structures and Algorithms challenges on LeetCode utilizing C++, encompassing arrays, strings, recursive paradigms, and dynamic programming methodologies.
- **Subject Matter Expert (Math Tutor) at Chegg** 2025  
Solved complex mathematical problems across topics such as calculus, algebra, and linear equations, helping students understand core concepts.

## Technical Skills

- **Languages:** C++, JavaScript, Python, SQL, HTML, CSS
- **Operating Systems:** Windows
- **Developer Tools:** VS Code, Git/GitHub, Postman, REST API
- **Technologies/Frameworks:** React.js, Node.js, Express.js, MongoDB, MySQL, Bootstrap, Tailwind CSS

## Extracurricular Activities

### Vriddhi - NIT Rourkela Sports Fest

Feb 2025

*Core Team Member*

- Instrumental in orchestrating and overseeing Vriddhi, East India's premier sports festival.
- Collaborated extensively with cross-functional teams to foster sportsmanship, cohesion, and high-performance excellence in competitive athletics.

### Management Head – Intra Hall Events, VS Hall, NIT Rourkela

Jan 2024

*Management Head*

- Spearheaded the strategic planning and execution of intra-hall competitions and cultural/sports events, orchestrating cross-team coordination for seamless delivery.
- Effectively cultivated cohesive team dynamics and enhanced resident engagement within the hostel community.