# Shivam Mishra

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## Profile

Aspiring Software Developer with expertise in full-stack development, specializing in C++, Python, and React.js. Proficient in building scalable web applications and REST API integration. Passionate about delivering efficient, user-friendly software solutions through strong problem-solving and software engineering skills.

## Education

**Bachelor of Technology in Computer Science and Engineering**

Madan Mohan Malaviya University of Technology, Gorakhpur                                              2024 – 2027

CGPA: 8.59/10.0

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Software Engineering

**Diploma in Computer Science and Engineering**

Government Polytechnic Premdhar Patti, Pratapgarh                                              2021 – 2024

Percentage: 81.08%

## Technical Skills

- **Programming Languages**: C++, Python, Java, JavaScript
- **Frontend**: HTML5, CSS3, Bootstrap, React.js, Tailwind CSS
- **Backend**: Python, Flask, Node.js, Express.js
- **Databases**: PostgreSQL, MongoDB, MySQL, SQLAlchemy
- **Tools**: IntelliJ IDEA, VS Code, GitHub, Postman
- **Technologies**: RESTful APIs, JWT Authentication, API Development, Unit Testing

## Projects

**MathsTeacher**

- Developed a responsive web application for mathematical problem-solving, integrating Gemini API for real-time solution generation, supporting 100+ users.
- Designed and implemented a user-friendly frontend with HTML5, CSS3, Bootstrap, and JavaScript, optimizing UI/UX for enhanced accessibility.
- Tech Stack: HTML5, CSS3, Bootstrap, JavaScript, Gemini API

**PassWord-Manager**

- Engineered a secure password manager web application using React.js and Tailwind CSS for efficient credential management across multiple platforms.
- Implemented encrypted storage for URLs, usernames, and passwords using browser local storage, ensuring robust data privacy.
- Tech Stack: React.js, Tailwind CSS, Local Storage

**LeetMatrices**

- Built a full-stack web application to visualize LeetCode user performance data, integrating LeetCode API for real-time data retrieval.
- Developed scalable backend with Node.js and Express.js, optimizing data processing for maintainable code structure.
- Tech Stack: HTML5, CSS3, Bootstrap, JavaScript, Node.js, Express.js

## Achievements & Certifications

- Solved 250+ algorithmic problems on LeetCode and GeeksforGeeks.
- Earned 3-star rating in Java on HackerRank, demonstrating advanced programming proficiency.