

# Shashank Shekhar Mishra

Bachelor of Technology  
Pranveer Singh Institute of Technology

+91-7398228352

✉ shashank8118@gmail.com

🐙 GitHub Profile

🌐 LinkedIn Profile

## TECHNICAL SKILLS

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**Languages:** C, Python, Javascript

**Databases:** MongoDB, MySQL

**Relevant Coursework:** DSA, Operating Systems, Object Oriented Programming, DBMS

## EXPERIENCE

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### • Backend Intern Infotrix

Aug 2023 to Sept 2023

Remote

- Worked with the team to develop the backend functionality of the website.
- Implemented Better user Authentication And Authorization for Login/Signup in NodeJs and ExpressJs.
- Created **REST-API** that could handle user request with all error Handling and Response with Valid Data.
- **TechStack:** JavaScript, Node.JS, Express.JS, MongoDB , Rest-API's

### • Solved 500+ Problems

Jan 2021 to present

- Resolved challenges on online coding platforms such as **Leetcode** and **GeekForGeeks**
- Proficient in **Data Structures and Algorithms**.

## EDUCATION

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### –Pranveer Singh Institute of Technology,Kanpur

2020-24

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.1

## PERSONAL PROJECTS

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### –Vitals: An NFT based Electronic medical record

*Designed and implemented the user interface for an NFT-based electronic medical record system.*

- \* Created and Enabled an electronic medical record system using NFTs technology that encourages secure access to the medical records of patients stored on decentralized database (IPFS).
- \* This Project aims to serve 100 million+ of users who are going to need medical treatment at some point.
- \* My work involves leveraging my skills in CSS, Figma, JavaScript, TypeScript and to deliver a user-friendly interface and seamless user experience for our extensive user base.

### –MCLOTHING: An Ecommerce website

*Source Code*

*Implemented an e-commerce website enabling seamless user experiences across desktop and mobile devices.*

- \* Developed a responsive e-commerce website using HTML, CSS, and JavaScript, achieving a 90% Google Page-Speed score and load times under 2 seconds.
- \* Led the front-end development of the site, implementing interactive features such as product sliders and modal windows using JavaScript and jQuery.
- \* Designed and executed a clean, modern user interface with CSS3, focusing on UX principles to enhance shopping experience, achieving a user-friendly layout optimized for sales conversions.

### –Car Lane Detection System

*Source Code*

*Created a Car Lane Detection system with OpenCV for enhanced road safety and driving aid.*

- \* Implemented advanced image processing techniques to analyze video streams from road cameras, successfully identifying lane positions and curvature with high accuracy.
- \* Utilized advanced image processing algorithms to analyze real-time video streams, achieving lane detection with over 95% accuracy under various lighting and weather conditions.
- \* Conducted rigorous testing and optimizations, which improved system response time by 30%, enabling near-real-time lane detection.

## CERTIFICATIONS

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- \* **Python(Basic) Certificate by HackerRank**
- \* **Problem Solving (Basic) Certificate by HackerRank**
- \* **SQL (Basic) Certificate by HackerRank**