# Tulsiram Pathe

Bhopal, M.P., India

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#### Objective

Aspiring full-stack developer with strong problem-solving skills and experience in building scalable web applications. Passionate about web development and innovative software solutions that enhance user experiences. Seeking opportunities to leverage my skills—especially my expertise in the MERN stack and data structures & algorithms—to contribute to impactful projects and secure challenging internships.

#### Education

SISTec-E Ratibad, Bhopal

Aug 2022 - Present

Bachelor's in Computer Science

Govt. Excellence School, Chhindwara

April 2021 - March 2022

Senior Secondary (12th)

Govt. Excellence School, Chhindwara

Secondary (10th)

April 2019 – March 2020

#### **Projects**

#### SISTec Innovation Hackathon 3.0 Website Development (MERN Stack) [Live Link]

- Developed the official website for SISTec Innovation Hackathon 3.0—a flagship college event organized by the Department of Computer Science & Engineering at SISTec Ratibad that challenges students to create innovative solutions in domains like HealthTech, AgriTech, EduTech, and Smart City initiatives.
- Upgraded the previous Hackathon 2.0 website by implementing a fresh, modern design and adding new features such as preview sections for Hackathon 1.0 and 2.0.
- Primarily focused on frontend development using React.js, HTML, CSS, and JavaScript, while integrating seamlessly with the existing backend.
- This project significantly honed my MERN stack skills and enhanced user engagement for the event.

### CodeNest – Empowering Competitive Coding & Collaborative Learning [Live Link]

- Built a coding platform enabling teachers to create contests and students to practice coding competitively.
- Developed a scalable backend using Node.js, MongoDB, and Express.js to handle multiple users efficiently.
- Integrated real-time leaderboards and authentication via Google OAuth.
- Technologies Used: React.js, Node.js, MongoDB, Tailwind CSS, Redux.

# Skills

**Programming Languages:** C, C++, JavaScript, Python

Web Development: Node.js, Express.js, MongoDB, React.js, HTML, CSS, Tailwind CSS, RESTful APIs

Version Control: Git, GitHub

Tools: Visual Studio Code, Postman, NPM

#### Certifications

Web Development Workshop (MANIT, Bhopal)
Problem Solving Through Programming in C (NPTEL)

Basics of C++ (CodingNinjas) — OOPs in C++ (CodingNinjas)

## Achievements

- Achieved All India Rank (AIR) 36 in Ninja Slayground 2.0, awarded the Conqueror Certificate.
- Solved 450+ Data Structures and Algorithms (DSA) problems and maintained a 300+ day coding streak.
- Participated in multiple hackathons and coding competitions, securing top positions.