

# Tulsiram Pathe

Bhopal, M.P., India

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## Objective

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Aspiring full-stack developer with a passion for building scalable, user-centric web applications. Skilled in the MERN stack, data structures, and algorithms, with a track record of problem-solving and hackathon success. Seeking opportunities to apply my expertise in developing innovative software solutions and contributing to impactful projects.

## Education

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### SISTec-E Ratibad, Bhopal

Aug 2022 – Present

Bachelor's in Computer Science — CGPA: 6.82/10

### Govt. Excellence School, Chhindwara

April 2021 – March 2022

Senior Secondary (12th) — Percentage: 72%

### Govt. Excellence School, Chhindwara

April 2019 – March 2020

Secondary (10th) — Percentage: 78%

## Projects

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### CodeNest – Competitive Coding & Quiz Platform [<https://codenest-arww.onrender.com>]

- Built a coding platform enabling teachers to create **coding contests and quizzes**, allowing students to improve their coding and conceptual understanding.
- Developed a scalable backend using **Node.js, MongoDB, and Express.js** to handle multiple users efficiently.
- Integrated **real-time leaderboards, authentication (Google OAuth), and batch-based quiz management**.
- Implemented a batch system where teachers can **add students, assign quizzes, and track performance**. Students can **join batches, participate in quizzes, and view results**.
- Technologies Used: **React.js, Node.js, MongoDB, Tailwind CSS, Redux**.

### SISTec Innovation Hackathon 3.0 Website Development (MERN Stack) [<https://www.sistecrsih.in/>]

- 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.

## Skills

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

**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

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Web Development (MANIT) — Problem Solving in C (NPTEL) — Basics of C++ & OOPs (CodingNinjas)

## Achievements

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- Secured **1st Prize** at **Navonmesh 2025's BINARY BATTLE: Software Hackathon**, hosted by Scope Global Skills University & RNTU, Bhopal. Awarded a **cash prize of INR 50,000**, presented by **MSME Minister Shri Chaitanya Kshayap, Govt. of MP**.
- 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**.