



MAHAK TUWANI

B.Tech. - Information Technology

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BRIEF SUMMARY

Motivated and detail-oriented Full-Stack Web Developer with strong problem-solving abilities and solid knowledge of Data Structures & Algorithms. Hands-on experience in building scalable, responsive, and cross-browser compatible applications using React.js, Redux, Next.js, Node.js, Express.js, and MongoDB. Proficient in RESTful API integration, secure backend implementation, and agile development practices. Completed internships as a Web Developer and Full Stack Developer, delivering live projects in fast-paced, collaborative environments by clarifying requirements, designing robust modules, and ensuring timely delivery. Successfully developed multiple academic and personal projects, including a Car Rental System, Student Project Management System, and Crypto App. Passionate about continuous learning, currently expanding expertise in TypeScript and Docker to strengthen backend and deployment capabilities. Known for strong communication, adaptability, and a high sense of ownership in delivering quality software solutions.

KEY EXPERTISE

Frontend Development - JavaScript (ES6+), React.js, Redux, Next.js, Tailwind CSS

Cross-Browser Compatibility, API Integration

Database Management - MongoDB, MySQL (Basic)

Backend Development - Node.js, Express.js

Tools & Platforms - Git, GitHub, Postman

Programming & Core Skills: Data Structures & Algorithms, Problem-Solving, Debugging, Performance Optimization

Additional: Open to learning tools and frameworks such as jQuery, Eclipse, Maven, and SVN as required by the project

EDUCATION

Medicaps University

2022 - 2026

B.Tech. - Information Technology | CGPA: **8.24 / 10**

Jawahar Navodaya Vidyalaya dewas, Indore

2021

12th | CBSE | Percentage: **87.20 / 100**

Jawahar Navodaya Vidyalaya dewas, Indore

2019

10th | CBSE | Percentage: **81.60 / 100**

INTERNSHIPS

e-skills web LLP | IT Product & Services

24 Dec, 2004 - 28 Feb, 2025

Web Developer

Key Skills: soft skills(communication skills, team leader)

Contributed to the delivery of multiple live projects as part of a collaborative development team.

Applied and improved technical skills in React.js, Redux, Node.js, and MongoDB in a fast-paced environment.

Participated in problem-solving sessions, ensuring timely delivery of project milestones.

Developed strong communication and teamwork abilities while working closely with senior developers.

PROJECTS

QuickCourt

11 Aug, 2025 - 12 Aug, 2025

Team Size: 4

Key Skills: React , Redux, Tailwind CSS , Node.js, MongoDB

Project Link: <https://github.com/mahak820/OdooHackathonSubmissionFinalMain>

Developed a web platform for searching, booking, and managing sports courts.

Implemented secure authentication, real-time court availability tracking, and booking confirmation.

Added role-based access for admins, venue owners, and players.

Ensured a responsive and scalable UI with React.js, Redux, Tailwind CSS and backend using Node.js, Express.js, MongoDB.

student project management system

28 Jun, 2025 - 02 Jul, 2025

Team Size: 1

Project Link: <https://think-build.onrender.com>

The Student Project Management System is a web-based platform that helps students and faculty manage academic projects efficiently. It allows students to submit project proposals, upload progress reports, and receive mentor feedback — all in one place. Faculty can track each team's performance, provide grades, and give real-time comments. Admins can monitor all projects and generate reports. This system saves time, reduces paperwork, and improves communication. Built using technologies like HTML, CSS, React, Node.js, and MongoDB, it ensures secure and organized project handling. It's a smart solution to manage college projects digitally and transparently.

car rental

25 Apr, 2025 - 04 May, 2025

Team Size: 1

Key Skills: React , Redux, Tailwind CSS , Node.js, MongoDB

Project Link: <https://quick-car.onrender.com>

Built a platform for browsing, booking, and managing car rentals.

Added real-time availability checks, pricing, and booking management for admins.

Streamlined rental operations and improved customer experience through automation.

React.js, Redux, Tailwind CSS, Node.js, MongoDB.

crypto app

04 Jan, 2025 - 13 Jan, 2025

Team Size: 1

Project Link: <https://github.com/mahak820/crypto-app>

Developed a cryptocurrency tracker for real-time prices, trends, and market data.

Added search, filter, and watchlist features for a personalized experience.

Fetches live data using CoinGecko/CoinMarketCap APIs.

React.js, Redux.

ACHIEVEMENTS

- Secured 2nd place out of 350 teams in the Quasar 2.0 hackathon by 47 Billion, where I was solely responsible for the entire frontend development.
- Our team was selected among the Top 350 out of 19,000+ registrations in a global hackathon organized by Odoo, showcasing strong skills in rapid application development and collaborative problem-solving.
- Participated in the Times of India Ideathon, where our team was selected as a Top 10 finalist.

PERSONAL DETAILS

Gender: Female

Marital Status: Single

Current Address: 520, Shiv City, Indore, Madhya Pradesh, Indore, Madhya Pradesh, India - 452012

Emails: en22it301051@medicaps.ac.in , mahaktuwani8@gmail.com

Date of Birth: 14 Dec, 2003

Known Languages: English, Hindi

Permanent Address: M.G road kannod, Indore, Madhya Pradesh, India - 452012

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WEB LINKS

- Github - <https://github.com/mahak820>