

# ABHINAV OJHA

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## EDUCATION

**Madan Mohan Malaviya University of Technology**  
Bachelor of Technology in Computer Science and Engineering (**7.23 CGPA**)

2021 - 2025  
Gorakhpur, IN

## PROJECTS

**Course-Selling-Site** [↗](#) | [Node.js](#), [Express.js](#), [RESTful APIs](#), [MongoDB](#), [JWT](#), [ReactJS](#),

- FullStack site where Admin can add courses and sell them to users
- Frontend in ReactJS with recoil state management for optimisation.
- Created Backend REST API with endpoints to handle CRUD operations, JWT authentication and API Routes - Admin/User side
- [GitHub Repo](#)

**Song-Surfer-audio-player** [↗](#) | [HTML](#), [CSS](#), [JavaScript](#)

- This is a Song Player made using JavaScript which plays locally saved songs.
- Users can play/pause any song, seek through the song duration, and change songs either by clicking or using the prev/next button.
- Learned DOM manipulation, JS audio object, and JS arrays.
- Transformed website interface to guarantee full responsiveness across all devices
- [GitHub Repo](#)

**Text To Emoji Converter** [↗](#) | [HTML](#), [Tailwind CSS](#), [JavaScript](#), [Git](#)

- Encrypts text to emoji with a password and decrypts emoji using the same password.
- Learned the concept of localStorage, basic Unicode-based encryption and decryption, and more DOM manipulations.
- Revamped coding practices by introducing the 'Coding in Blocks' technique
- [GitHub Repo](#)

**Employee-Performance-Prediction** [↗](#) | [Flask](#), [HTML](#), [CSS](#), [ML libraries](#), [Python](#)

- Project involves using employee dataset to create ML models and build a UI on top of it.
- Learned about training ML models using an available dataset for predicting new outputs.
- Created and compared three models (Linear Regression, Random Forest, and XGBoost) based on r2\_score.
- Learned connecting machine learning algorithms and model predictions to the frontend using a Flask-based API.
- [GitHub Repo](#)

## COURSEWORK / SKILLS

- |                                |                              |                                |                                      |
|--------------------------------|------------------------------|--------------------------------|--------------------------------------|
| • Data Structures & Algorithms | • Computer Networks          | • C++ <a href="#">↗</a>        | • Machine Learning <a href="#">↗</a> |
| • Operating System             | • Database Management System | • Web Development (MERN stack) | • JavaScript                         |
|                                |                              |                                | • Python <a href="#">↗</a>           |

## INTERNSHIP

**CodSoft**

July 2023 – Aug 2023

*Web Development*

- Task-Based Internship-Made three front-end projects: **Calculator, Landing Page and Portfolio**
- [GitHub Repo](#)

## CODING PROFILES

[Leetcode](#) [↗](#)   [Coding Ninja](#) [↗](#)   [GeeksforGeeks](#) [↗](#)

## EXTRACURRICULAR

- University Innovation Cell (Vice-President)
- Member, Organizing Team - Innovision'24[↗](#)
- Co-Ordinator, Institution's Innovation Council, MMMUT