

# Swastik Khare

Roll No.: 211116424

Bachelor of Technology

Mechanical Engineering

Maulana Azad National Institute of Technology, Bhopal

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👤 Portfolio

🌐 Swastik Khare

## EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech ME	Maulana Azad National Institute of Technology, Bhopal	MANIT Bhopal	8.31 (Till 6th Sem)	2021-2025
Senior Secondary	Marthoma Senior Secondary School Sihora Jabalpur	CBSE	92%	2020
Matriculation	Marthoma Senior Secondary School Sihora Jabalpur	CBSE	84.8%	2018

## EXPERIENCE

- **Reach Technology** April 2024  
*Algorithm Development Intern* Remote
  - Developed a desktop application using Python for converting DXF files from one version to another reducing manual conversion time by 70 percent.
  - Designed a multi-page GUI, Integrated features such as drag-and-drop file selection, progress tracking, and error handling enhancing user interaction by 50 percent.

## PERSONAL PROJECTS

- **Book Store App** 🌐 Live Demo  
*A full-stack application for browsing paid and free books.*
  - Tools & technologies used: **React, MongoDB, Express, Node.js**
  - Implemented user authentication with login and signup functionalities.
  - Integrated MongoDB for data storage and management.
  - Developed the backend API using Express and Node.js to handle user requests and book data.
- **Resume Builder** 🌐 Live Demo  
*Create and download professional resumes with customizable templates.*
  - Tools & technologies used: **React**
  - Designed and developed a web-based application that empowers users to effortlessly create professional resumes.
  - Users can input their personal and professional details and download the resume in pdf format.
- **WeatherCast** 🌐 Live Demo  
*Real-time weather information for any location*
  - Tools & technologies used: **Rapid API**
  - WeatherCast integrates the OpenWeatherMap API, allowing users to search for the weather conditions in specific areas, including temperature, humidity, wind speed, and the "feels like" temperature

## TECHNICAL SKILLS AND INTERESTS

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

**Tools/Technologies:** Git, Postman

**Web Development:** HTML, CSS, React, Node.js

**Databases:** MySQL, MongoDB

**Others:** DSA, OOPS

**Soft Skills:** Problem Solving, Team Management

## POSITIONS OF RESPONSIBILITY

- **Training and Placement Cell, NIT-B** 2023 - Present  
*Member*
  - Assisting in organizing and managing campus recruitment activities for the batch.
- **Society of Automotive Engineers, NIT-B** 2022 - Present  
*Joint Secretary*
  - Collaborated closely with a team of 25 members to develop innovative automotive designs, successfully completing in a national-level competition.
- **IEEE NIT-B** 2022 - Present  
*Team Management Head*
  - Collaborated closely with fellow team members to allocate tasks, track progress, and ensure timely completion of event-related responsibilities.

## ACHIEVEMENTS

- **CAD-ATHON** Secured 1st rank in a Computer-Aided Design Competition held in our college Nov - 2022