


# RISHABH MEHROTRA

Software Developer

 Portfolio

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## SUMMARY

A highly motivated & detail oriented software developer with specialization in MERN Stack and strong problem solving skills. An out of the box thinker who enjoys the programming both as a career and hobby.

## SKILLS

**Languages:** Python, HTML, CSS, JavaScript, C++.

**Technologies:** MongoDB, Express JS, React JS, Node JS, Django MySQL, Git, OpenCV, REST APIs, Web Sockets, TensorFlow, Keras.

## PROJECTS

- Web Development **PORTFOLIO WEBSITE** <https://rishabh-portfolio-rho.vercel.app/>  
Tech Stack: React.js, Node.js, Express.js  
Design Flair: Vibrant styling, multi-page layout, fully responsive.
- Web Development **CHATSHAT** <https://github.com/imrishabhmehrotra/CHATSHAT>  
A two way communication chat application using ReactJS, NodeJS and SocketIO with both frontend and backend functionalities. A highly responsive and user friendly chat application with secure and scalable architecture which provides Real time communication between users.
- Machine Learning **FACE RECOGNITION AND EMOTION DETECTION**  
Developed a machine learning application utilizing OpenCV, TensorFlow, Keras, and Dlib to recognize faces and detect emotions in realtime. Achieved high accuracy in both tasks, demonstrating strong skills in computer vision, deep learning, and image processing.
- Computer Vision **AI Personal Trainer**  
The project uses techniques like hand detection, landmark detection, and pose estimation. This project is implemented in Python with the MediaPipe library.

## EDUCATION

- 2020-2024 **KIET Group of Institutions NAAC A+ (AKTU), Delhi NCR**  
Bachelors of Technology | Electrical and Electronics Engineering
- 2019 **Chandra Public School, Mau** **Percentage: 71.4**  
Intermediate | C.B.S.E
- 2017 **Dawn Washco School, Mau** **9.8 CGPA**  
High School | C.B.S.E

## EXPERIENCE

- May-July 2023 **AI ML Virtual Internship** **AICTE Eduskills**
  - Learned and deployed different machine learning concepts.
  - Improved the datasets to optimize the model performance by 10 percent.
- July-August 2023 **Full Stack Developer** **Cyphertech Technologies**
  - Worked with the core fundamentals of MERN.
  - Helped in the search optimization of the website.

## MOOCS AND CERTIFICATIONS

### Coursera

- "Python for Everybody" Specialization by University of Michigan
- "Machine Learning Specialization" by Andrew Ng
- "AI for Everyone" by deeplearning.ai

### Udemy

- "The Complete 2023 Web Development Bootcamp" by Dr. Angela Yu

## ACHIEVEMENTS

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### **Leetcode**

- Solved more than 400 problems on this coding platform.
- Secured a rank under 100 in the leetcode biweekly contest 96.

### **HackerRank**

- 5 star on Hacker Rank