

# Anshdeep Shrivastav

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## EDUCATION

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<b>National Institute of Technology, Raipur</b> <i>Bachelor of Technology, Information Technology</i> <ul style="list-style-type: none"><li>CGPA : 8.24</li></ul>	2022 - 2026
<b>ISC XII, Salem English School, Raipur, Chhattisgarh</b> <ul style="list-style-type: none"><li>Percentage: 91.5</li></ul>	2020 - 2021
<b>ICSE X, Salem English School, Raipur, Chhattisgarh</b> <ul style="list-style-type: none"><li>Percentage: 88.4</li></ul>	2018 - 2019

## TECHNICAL SKILLS

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**Languages:** C++, Python, JavaScript, SQL  
**Web:** React.js, Node.js, Express.js, Flask, MongoDB, REST APIs  
**Machine Learning:** Scikit-learn, TensorFlow, Supervised & Unsupervised Learning, Streamlit  
**CS Fundamentals:** Data Structures and Algorithms, DBMS, Operating Systems, OOP using C++  
**Utilities:** Git, GitHub, VS Code, Postman, Jupyter Notebook, Canva  
**Soft Skills:** Leadership, Teamwork, Critical Thinking, Problem-Solving

## PROJECTS

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- Well Wise** | *HTML, Tailwind, React.js, Flask, OpenCV, Machine Learning, Solidity* | [Video Link](#) | [Source Code](#)
- Developed an **ML-powered sentiment analysis system** to assess user mental health patterns.
  - Built a **dashboard** for visualizing user data and generating mental health insights.
  - Integrated **OpenCV for facial expression analysis**, including **blink detection and emotion tracking**.
  - Utilized **Generative AI** to provide **personalized mental health recommendations** based on user results.
- Digital Verification Portal** | *React.js, JavaScript, HTML, CSS, Python, Flask, TensorFlow* | [Video Link](#) | [Source Code](#)
- Developed **Flask-based backend** for processing **documents**, using **Tesseract OCR** to extract **key-value pairs**.
  - Developed an **ML-based document classifier** using **ResNet-50** to automate document categorization.
  - Implemented **fuzzy matching** for **data verification** and embedded **authenticity seals** for 100% matches.
  - Integrated **IPFS** for **secure, decentralized storage**, ensuring **tamper-proof access** to verified documents.
- Password Manager** | *ReactJS, JavaScript, HTML, CSS, Node.js, MongoDB* | [Source Code](#)
- Developed **Node.js backend** to handle **CRUD operations** with **MongoDB**, ensuring efficient data management.
  - Implemented **secure user authentication** with **Auth0**, enabling sign-up, login, and access control.
  - Enhanced user security by encrypting user data with **bcryptJS** library, ensuring safe storage.

## ACHIEVEMENTS

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- Coding Profile** | [LeetCode](#) | [Codeforces](#)
- Leetcode **Max-Rating: 1638**
  - Codeforces **Max-Rating: 1014**
  - Solved **500+** problems of **Data Structures and Algorithms** across various platforms.
  - Global Rank 1702** in Leetcode Biweekly 147.
  - Regional Runner Up** and **Top 18 finalist** in India at the *NTPC Electron Quiz* organized by NTPC
  - Problem Statement Winner** at *Codeutsava*, National Level Hackathon organized by NIT Raipur
  - Under Top 10 Teams** among 80+ teams at *Hackverse*, National Level Hackathon organized by NIT Surathkal

## POSITIONS OF RESPONSIBILITY

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- Overall Coordinator** | **Finance & Consulting Club**
- Played a key role in restructuring the club's workflow and improving event quality, resulting in a **20% increase in participation**, while also managing and coordinating with the team to secure **real-world consulting** projects from various organizations
- Volunteer** | **Child Rights & You Foundation**
- Researched and developed **financial literacy content** for school children, creating an **impactful PPT and summary booklet** that is now enhancing **financial awareness among thousands of rural students across India**.