



# Yashraj Jain

MCA – Computer Applications

Gender: Male

Date of Birth: 24/06/2002

E-mail: t&p@nitt.edu

Contact: +91-431-2501081



## Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	Master Of Computer Application	NIT, Trichy	7.76*
2021	Bachelor Of Computer Application	Devi Ahilya Vishwavidhalaya	77.8%
2018	Class XII	Alpha Senior Secondary School, Shamgarh	73.6%
2016	Class X	Alpha Senior Secondary School, Shamgarh	76.5%

## Academic Achievements

- Secured An **All India Rank (AIR) Of 53** In The NIT MCA Common Entrance Test (**NIMCET**) **2021**.
- Secured The **2nd Position** In A Highly Competitive IT Quiz Competition During **Prabandhotsav 2k19** At S.V.I.M, Indore.
- Maintained A Consistent Rank Within The **Top 25%** Of Candidates In The **Dainik Jan-Sarangi 2k18**, Mandsaur.

## Internship Experience

- Web Developer Intern | Codsoft Technology** Aug 2023-Present  
As A Web Developer Intern At **Codsoft Technology**, I've Embarked On An Immersive Journey Into The Dynamic Realm Of Web Development, With A Primary Focus On Mastering Front-End Technologies Including **CSS, HTML, JavaScript, ReactJs** (JavaScript Library), **JSX** (JavaScript XML), **Tailwind CSS**.  
**Key Contributions And Learning Experiences:**
  - Created And Designed** 10+ Web Pages For Live Projects, Adeptly Applying A Wide Range Of Technologies, Including CSS, HTML, JavaScript, ReactJs, JSX, And Tailwind CSS
  - Successfully **Resolved** Challenges, Resulting In The Completion Of **2 Major** Projects.
  - Embraced **User-Centric Design** Principles, Resulting In 200% Improvement In UI/UX, Usability, And Accessibility.
  - Gained Insights Into **Advanced Front-End Technologies** And Industry Best Practices Through Mentorship.

## Area Of Interest

- Problem-Solving:** Problem-Solving (600+ Most Asked Questions), Data Structure & Algorithms.
- Computer Fundamentals:** Core Subjects (DBMS, OS, CN, OOP's).
- UI / Ux:** User Interface-User Experience Design, Logo & Poster Making.

## Other Projects

---

- **Deep Fake Detection Using Deep Learning:-** [\[Source Code\]](#)

**Objective:** Designed And Implemented An Automated System For Detecting Deep Fake Videos And Images In Multimedia Content, Addressing The Growing Concern Of Misinformation And Fraudulent Content Dissemination.

- Attained **92.6% Accuracy**, Surpassing The Baseline By **150%**.
- Reduced False Positives To **45%** Through Rigorous Fine-Tuning.
- Tested Against **4 Different** Deep Fake Generation Methods, Ensuring Robustness.

**Tech-Stack:-** Python, ML, Deep Learning (Rest NeXT and LSTM), CNN, Google Collab, Torch (PyTorch)

- **Lunch-Box (India's First Online Tiffin Service Website)** [\[Live-Project\]](#)

- Spearheaded The Development Of Lunch-Box, **India's Pioneering** Online Tiffin Service Platform.
- Envisioned And Executed A **User-Centric** Approach & Achieved A **3X** Increase In User Convenience.
- Brings The Flavours Of **40+** Home-Cooked Foods To Everyone's Fingertips.
- Currently An **Active Live Project**, Representing A Commitment To Innovation And Culinary Convenience.

**Tech-Stack**, Including **HTML, CSS, Bootstrap, JavaScript, Node.JS, Express.JS, Handlebars.JS (Hbs), Mongo dB**, And **Git**, To Create A Seamless User Experience.

- **Cryptographic Security System With RSA & Multiple Hashing Algo:-** [\[Source Code\]](#)
  - Formulated And Executed An Innovative **Cryptographic Security System** In C++, Boosting Data Security By 150%.
  - Engineered A Distinct **RSA-Based Encryption** System With Custom Features For Data Privacy And Protection.
  - Devised **User-Friendly Registration**, Multi-Layered Hashing, And **Robust Authentication Mechanisms**.

**Key Concepts:-** Strings, File System, Hashing, Object-Oriented Programming (OOP), Algorithms, Data Structures, Functions, Dynamic Memory Management.

## Technical Skills and Certifications

---

- **Programming Languages:** C, C++, Python, SQL, Deep Learning, Machine Learning
- **Front-End Development:** HTML, CSS, JavaScript
- **Back-End Development:** Node.JS, Express.JS, Handlebars, MongoDB
- **JS-Library & CSS Frameworks:** ReactJS (Library) , Bootstrap & Tailwind (Frameworks)
- **Other Tools:** Microsoft Office Suite, Visual Studio, Canva, GitHub, Jupiter, Google Collab
- **Certifications:** Full Stack Development (Udemy) [\[Certificate\]](#), Problem Solving Intermediate [\[Certificate\]](#)

## Positions & Responsibility

---

- Led The **Publicity And Marketing** For **VERSION-NITT (2023)**, Contributing To A **20%** Increase In Event Attendance Through Effective Strategies And Campaigns.
- Active **Prakruti Club Member** At NIT Trichy (Nov 2022) Specializing In Event **Planning And Coordination** Within The Feeding Team, Successfully Organizing And Managing **5 Major** Events To Enhance Club Impact.

## Extracurricular Activities

---

**Event Activities:** Secured The Prestigious Position Of **First Runner-Up** In The **Mothra Riddle Solving Event** At **Version-NITT 2022**, Showcasing Problem-Solving And Critical Thinking Skills In A Competitive Setting.

**Volunteering Activities:** Volunteered For A **Suwasra Social Program** During The **COVID-19** Pandemic, Distributing Food And Financial Aid To Support Vulnerable Individuals, Demonstrating A Commitment To Community Welfare And Crisis Response.