

# Arpit Jadhao

Second-Year B.Tech Student — Data Science, Data Analytics & Full-Stack Development

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## PROFESSIONAL SUMMARY

B.Tech student specializing in Data Science, Data Analytics, and Full-Stack Development. Experience working with large datasets (50K+ rows), building AI-driven applications, and improving system performance by up to 30%. Developed projects including an AI Voice Assistant, SLAY Fitness App, and Data Analytics Projects using Python, Pandas, NumPy, SQL, and Machine Learning. Skilled in data processing, visualization, and backend development.

## EDUCATION

|   |                                 |
|---|---------------------------------|
| <b>Yeshwantrao Chavan College of Engineering (YCCE)</b><br><i>B.Tech in Computer Technology</i> | Nagpur, India<br>2023 – Present |
| <b>St. Paul Jr. College</b><br><i>12th Class (HSC)</i>  | Nagpur, India<br>2021 – 2023    |

## PROJECTS

|  |      |
|--|------|
| <b>AI Voice Assistant</b>   <i>Python, NLP, Speech Recognition, APIs</i>   | 2024 |
| <ul style="list-style-type: none"><li>Integrated custom APIs into AI voice assistant, facilitating seamless access to real-time data such as weather and news, and resulting in 95% accuracy in information retrieval</li><li>Created API-driven personalized recommendations, increasing user engagement by 30% through tailored responses for each user based on behavior, exceeding initial expectations by 10% within the first quarter</li><li>Added multilingual support, improving accessibility by 40% for diverse user groups</li></ul> |      |
| <b>SLAY Fitness App</b>   <i>React, JavaScript, Material-UI, APIs</i>  | 2025 |
| <ul style="list-style-type: none"><li>Engineered a React-based fitness application for interactive exercise tutorials</li><li>Designed a Material-UI interface to enhance user experience and streamline navigation across the application</li><li>Optimized API response time, reducing load time by 30% and enhancing user engagement</li></ul>  |      |
| <b>Data Analytics Project</b>   <i>Python, Pandas, NumPy, SQL, Matplotlib</i>  | 2023 |
| <ul style="list-style-type: none"><li>Analyzed 50,000+ data points from real-world datasets using Python, Pandas, NumPy, SQL, and Matplotlib</li><li>Designed interactive dashboards using tools like Power BI/Tableau, enabling identification of key insights and trends, which increased data-driven decision-making efficiency by 40%</li><li>Applied predictive modeling techniques, improving forecast accuracy by 25%</li></ul>   |      |

## WORK EXPERIENCE

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|--|--------|
| <b>Technical Contributor</b><br><i>Open-Source Projects</i>  | Remote |
| <ul style="list-style-type: none"><li>Contributed to open-source projects in Data Science, Data Analytics, Artificial Intelligence (AI), and Web Development, improving code efficiency and functionality by 30% through performance optimization, issue resolution, and collaborative development on GitHub</li><li>Handled large datasets, creating visualization tools that enhanced analysis efficiency by 20%</li><li>Built and optimized frontend and backend systems, enhancing system performance by 15%</li></ul> |        |

## CORE SKILLS & TECHNOLOGIES

**Programming Languages:** Python, SQL, JavaScript, C, C++  
**Data Science & Analytics:** Data Processing, Visualization (Pandas, NumPy, Matplotlib, Seaborn), Statistical Analysis, Predictive Modeling  
**Machine Learning & AI:** Supervised & Unsupervised Learning, NLP, Deep Learning  
**Web Development:** HTML, CSS, JavaScript, React, Bootstrap, Material-UI  
**Backend Development:** Node.js, Express.js, API Development  
**Database Management:** SQL, Firebase, MongoDB  
**Other Skills:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs)

SOFT SKILLS

Debugging, Code Optimization, Team Collaboration

CERTIFICATIONS & TRAINING

|  |  |
|--|--|
| <b>Larsen &amp; Toubro CreaTech Hackathon</b>            | Feb 2025   |
| <i>Participant</i>                                       | <i>AI innovation challenge</i>                                 |
| <b>Infosys Springboard</b>                               | Oct 2023 – Nov 2023  |
| <i>C/C++ Programming</i>                                 | <i>Fundamentals, Solution Development, and data structures</i> |
| <b>Data Science &amp; Machine Learning Certification</b> | Expected 2025  |
| <i>Ongoing Training</i>                                  | <i>Data Science, ML, and AI applications</i>                   |

LANGUAGES

**English:** Full Professional Proficiency    **Hindi:** Full Professional Proficiency    **Marathi:** Full Professional Proficiency

INTERESTS

Data Science, Data Analytics, Machine Learning (ML), Artificial Intelligence (AI), Big Data, Predictive Analytics, Full-Stack Development, Frontend & Backend Development, Cloud Computing, MLOps, DevOps