

# GUNJANKUMAR NITIN CHOUDHARI

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## Education

<b>Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University</b> <i>B.Tech in Computer Engineering (Major: Data Science), CGPA: 9.43/10</i>	<b>September 2022 – Present</b> Navi Mumbai, India
<b>Taywade College</b> <i>12th Grade, Percentage: 77.5%</i>	<b>May 2020 – July 2022</b> Koradi-Nagpur, India
<b>Narayana Vidyalayam</b> <i>10th Grade, Percentage: 77%</i>	<b>May 2008 – April 2020</b> Nagpur, India

## Experience

<b>KasNet Technologies Pvt. Ltd.</b> <i>Software Engineering Intern</i>	<b>May 2025 – June 2025</b> Pune, India
<ul style="list-style-type: none"><li>Worked on <b>API integrations</b> and backend data flows; assisted with database queries for internal services.</li><li>Prepared and validated data for <b>BI dashboards</b>, ensuring accurate reporting across 3+ functional modules.</li><li>Used <b>Python</b> scripts and Git to automate recurring tasks, cutting manual effort by <b>20%</b>.</li></ul>	

<b>Springboard</b> <i>Python Data Analyst Intern</i>	<b>April 2024 – June 2024</b> Nagpur, India
<ul style="list-style-type: none"><li>Implemented data-driven solutions using <b>Python</b> and <b>SQL</b>, resulting in a <b>25% improvement</b> in prediction accuracy.</li><li>Applied <b>machine learning models</b> to structured datasets to extract trends and generate actionable business insights.</li><li>Built dynamic reports and visuals using <b>Power BI</b>, enhancing understanding and reducing manual reporting by <b>30%</b>.</li></ul>	

## Projects

<b>AgrowAssist – Smart Agricultural Assistance System</b>   <i>Python, Flask, Power BI, Flutter, TensorFlow</i>	<b>June 2025</b> <a href="#">[GitHub]</a>
<ul style="list-style-type: none"><li>Developed a <b>Machine Learning-based</b> Crop Recommendation System using Python and Flask and visualized it with <b>Power BI</b>, achieving a <b>35% increase in accuracy</b>.</li><li>Extended to a <b>Flutter mobile app</b> by integrating AI models for leaf disease prediction, fruit classification, and health detection, optimized for mobile deployment using TensorFlow Lite models.</li><li>Designed a mobile-friendly UI with real-time input, improving field usability for farmers and enabling 95% offline operability.</li></ul>	
<b>SenseResolver – Modern WSD with BERT &amp; Lesk</b>   <i>Python, Bert, Flask, NLTK, Docker</i>	<b>March 2025</b> <a href="#">[GitHub]</a>
<ul style="list-style-type: none"><li>Engineered a hybrid <b>Word Sense Disambiguation system</b> using the Lesk algorithm and BERT embeddings, deployed with Flask and Docker for real-time access.</li><li>Integrated a real-time feedback loop that improved word sense accuracy by 18% through user correction learning.</li><li>Optimized the system for modular NLP integration using Python and NLTK, enabling adaptation to domain-specific corpora.</li></ul>	
<b>AskDB – Smart Text-to-SQL System</b>   <i>Python, Flask, LLM, HTML, CSS, JS</i>	<b>June 2024</b> <a href="#">[GitHub]</a>
<ul style="list-style-type: none"><li>Constructed a <b>Python-Flask</b> application using <b>Gemini LLM</b> to convert natural language into SQL queries</li><li>Enabled 85% accurate query translation for non-technical users, reducing manual SQL effort by 50%.</li><li>Crafted responsive UI with real-time suggestions, reducing query time by 40% and enabling 100+ SQL executions.</li></ul>	

## Technical Skills & Certifications

**Languages:** Java, Python, C, HTML/CSS, JavaScript  
**Frameworks:** TensorFlow, Flask, Flutter, MongoDB  
**Tools:** Git, SQL, NoSQL, Power BI, Figma, Azure  
**Technologies:** Deep Learning, AI/ML, API Development  
**Soft Skills:** Teamwork, Communication, Decision-Making

**Microsoft Azure:** AZ-900 Microsoft Azure Fundamentals  
**Alteryx:** Machine Learning Fundamentals  
**Intel:** Unnati Training on Artificial Intelligence  
**Oracle:** OCI 2024 Generative AI Certified Professional  
**NPTEL:** Data Science for Engineers  
**IBM:** Introduction to SQL  
**Deloitte:** Data Analytics Job Simulation

## Leadership

<b>CSI-RAIT – Design Head (formerly Co-Head)</b>	<b>April 2023 – July 2025</b>
<ul style="list-style-type: none"><li>Promoted from <b>Co-Head</b> to <b>Design Head</b>; led design for 4+ major conclaves hosted at D. Y. Patil RAIT.</li><li>Directed visual strategy and branding for RAIT's flagship Techfest, ensuring cohesive event identity.</li></ul>	
<b>Social Wing RAIT – Co Chief Design Officer</b>	<b>August 2023 – July 2024</b>
<ul style="list-style-type: none"><li>Led creative design and managed the registration desk for <b>UDAAN 2024</b>, Navi Mumbai's largest fundraising marathon.</li></ul>	

## Extracurricular

- Presented “AgrowAssist: AI-Powered Mobile Platform for Smart Farming” at **ICETS 2025, KJ Somaiya, Mumbai**.
- Showcased a paper titled “Youth Responsibility and Professional Development” at **ICSSR 2024, VNIT Nagpur**.
- Published a paper titled “Role of AI in Education” in **IRJCS, April 2024**.
- NSS Volunteer (2023–2025)** – Contributed to a rural camp, tree plantation, clean-up drives, and food distribution.
- Secured 10/10 grade** in core subjects: C-Programming, Data Structures, CN, DAA, Foundations of DS, and Advanced DBMS.
- Participated in **Hacktoberfest 2022** by GDSC RAIT; attended conclaves and an industrial visit to **BPCL**.
- Content Creator & Freelancer** – Created 10+ coding videos (1.8K+ views) and delivered design assets to clients.

## Hobbies

Playing Football, Cricket, and Athletics; Helping others; Learning new things; Graphic Designing