

Riya Raulgaonkar

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EDUCATION

VIT Bhopal University, Bhopal, MP	Sept 2022 - July 2026
Bachelor of Technology in Computer Science and Engineering (AI/ML Specialization)	
CGPA: 8.65/10	
Pace Junior Science College, Andheri, Mumbai	Apr 2020 - May 2022
Class XII	
Universal High School, Dahisar, Mumbai	Apr 2010 - May 2020
Class X	

TECHNICAL SKILLS

- Programming Languages:** Python, SQL, Java, C++, JavaScript (ES6+)
- Frontend Technologies:** React.js, HTML5, CSS3, JavaScript
- Machine Learning & Deep Learning:** Scikit-learn, TensorFlow, Keras, Model Evaluation
- Databases:** MongoDB, SQL
- Web & Backend Technologies:** Flask, Node.js, Express.js, REST APIs, HTML5, CSS3, JavaScript
- Tools & Platforms:** Git, VS Code, Jupyter Notebook, Google Colab

PROJECTS

HealthSync: Intelligent Healthcare Management Portal	Oct 2024 – Feb 2025
<i>HTML, CSS, JavaScript, Python, Flask, Machine Learning, Model Evaluation, Production Deployment</i>	
• Built a full-stack healthcare portal for old-age homes, increasing health-blog engagement by 40% .	
• Engineered ML-based diagnostic backend achieving 85–92% prediction accuracy for diabetes and heart disease.	
• Processed medical records using Pandas/NumPy; optimized Scikit-learn models, achieving 87–90% accuracy	
AI-Powered Sales Simulation Dashboard	Jan 2025 - Apr 2025
<i>MongoDB, Node.js, React, Express, NLP, REST APIs</i>	
• Built an AI-driven sales training platform supporting 100+ simulated sales sessions with automated performance feedback.	
• Designed MongoDB document schemas storing 5+ nested data fields per session including scores and timestamps.	
• Implemented MongoDB aggregation pipelines to compute user improvement scores across 10+ practice sessions per user , reducing analytics query time by 40% .	
Real-Time Collaborative Workspace (Trello-Like Tool)	Feb 2025 - May 2025
<i>MongoDB, Node.js, React, Express, WebSockets</i>	
• Developed a real-time collaboration platform enabling 50+ concurrent users to manage tasks and workflows.	
• Designed MongoDB data models managing 1,000+ task records with role-based user permissions and activity logs.	
• Implemented MongoDB Change Streams to propagate task updates in under 300ms across connected clients.	
Digital Cookbook with Smart Inventory System	Aug 2025 - Nov 2025
<i>JavaScript, TypeScript, Node.js, Express.js, HTML5, CSS3</i>	
• Created a full-stack recipe and inventory platform with 98% accurate ingredient-matching logic.	
• Built an interactive drag-and-drop meal planner, reducing meal planning time by 50% and simplifying recipe organization.	
• Implemented automated shopping lists and nutrition analytics, increasing user retention by 30% .	

EXTRA CURRICULAR ACTIVITIES

- Finalist** in Arithmetic! Hackathon organized by IIM Nagpur (2024), selected among top performers nationally.
- 5-Star SQL** achiever on HackerRank
- Top Performer** in Coders Arena: Battle of Algorithms (2024)
- Active member** in Igniters Club, organizing Foragers event 2.0 (2024)
- Solved **200+** problems on LeetCode, strengthening problem-solving and data structures proficiency.

CERTIFICATIONS

- Gen AI by IBM Watson
- Blockchain Fundamentals by IBM

ADDITIONAL INFORMATION

- Fluent in English, Hindi, and Marathi — Active participant in GitHub projects and hackathons on Unstop