

# Vishishta Kavadiya

📞 7981756832 — ✉ vishishtakavadiyacric@gmail.com — 🌐 linkedin.com/in/Vishishta — 📄 github.com/Vishishta

## Summary —

Final-year Computer Science student (9.14 CGPA) with a specialization in AI/ML and hands-on experience in Python, Java, and C++. Strong foundation in data structures, algorithms, OOP, and Unix. Proven ability to develop scalable, real-time software solutions through collaborative projects and internships. Passionate about solving complex problems that bridge technology and finance.

## Employment

**MSPL Baldota Group** Jun 2024 – Jun 2024 (1 month)  
*Software Developer/Data Analyst*

- Collaborated with cross-functional teams to develop Python-based AI solutions, enhancing workflow efficiency by 15 percentage.
- Built a chatbot, reducing manual queries by 30 percentage, improving client satisfaction.
- Predicted product prices with 90 percentage accuracy using LSTM models, providing actionable insights for market strategies.

**SRM Tech** Mar 2024 – Sep 2024 (6 months)  
*Software Developer/Architect Intern*

- Designed and deployed a website with real-time functionality.
- Integrated real-time eye and face movement tracking to detect cheating, enhancing accuracy by 25 percentage.
- Implemented voice recognition and frequency detection for real-time applications, ensuring high responsiveness.

## Key Projects and Achievements

**Collaborative Form Filling System** June 2025 - Present

- Built a real-time collaborative platform where multiple users co-edit a single shared form response.
- Enabled dynamic form creation by admins and real-time editing using WebSockets with field-level locking.
- Managed structured data with PostgreSQL and optimized concurrency handling with Redis pub/sub.
- Secured access with JWT-based role authentication and containerized the app using Docker.

**Smart AI Fitness Planner — Full-Stack AI Health Assistant** Mar 2025 – May 2025

- Developed RESTful APIs for personalized workout planning using Random Forest models on pre-given data.
- Built calorie estimation, workout plan, and meal recommendation system with end-to-end deployment.
- Designed an interactive React UI and integrated secure client-server communication.

**Java Expense Tracker (CLI + MySQL)** Nov 2024 - Jan 2025

- Developed a console-based expense tracking system using Java and MySQL.
- Enabled users to add, view, and delete categorized expenses with persistent storage.
- Implemented CRUD operations, dynamic category totals, and overall spending summaries.
- Demonstrated strong JDBC usage, exception handling, and database integration.

**SAGA / AI-driven Interview system** Mar 2024 – Sep 2024

- Created an intelligent interview automation system analyzing real-time audio and video
- Used machine learning models for speech and facial expression analysis, improving hiring efficiency by 40 percentage.
- Optimized camera functionality for high-definition video capture in interviews.

**Achievements** June 2024 – November 2024

- Winner – Inter-college Hackathon (2024): Led a 4-member team to develop an AI-powered interview system.
- Published a research paper on AI-based interview systems, demonstrating innovation and collaboration.
- Presented AI/Robotics applications at a university-wide summit, fostering relationships with peers and senior mentors.

## Technical Skills

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>– <b>Languages:</b> Python, Java, C++, C, SQL, HTML, CSS</li><li>– <b>Core Concepts:</b> Data Structures, Algorithms, OOP, Operating Systems, Unix/Linux</li><li>– <b>AI/ML:</b> TensorFlow, Keras, Scikit-learn, OpenCV</li><li>– <b>Tools Platforms:</b> Docker, Ansible, Tableau,</li></ul> | <ul style="list-style-type: none"><li>Advanced Excel, Git</li><li>– <b>Databases:</b> MySQL, MongoDB, PostgreSQL, AWS</li><li>– <b>Development Skills:</b> Full-stack Development, System Design, Software Architecture</li><li>– <b>Soft Skills:</b> Team Collaboration, Problem Solving, Communication, Time Management</li></ul> |
|--|---|

## Education and Certifications

---

<b>The Doon School</b> <i>High School and Higher Secondary</i>	<b>Apr 2016 – Apr 2022</b>
<b>SRM University — CGPA : 9.14</b> <i>Bachelors of Technology – Computer Science and Engineering with Specialization in AIML</i>	<b>Aug 2022 – May 2026</b>
<b>Certifications</b> <ul style="list-style-type: none"><li>– <i>AI Machine Learning – Stanford University (Coursera)</i></li><li>– <i>Machine Learning Foundations – AWS Academy</i></li><li>– <i>Short-Term Training in AI Robotics – SRM University</i></li><li>– <i>MATLAB Image Processing Onramp – MathWorks</i></li></ul>	