

# NAMRATA PRATAPRAO PATIL

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## PROFESSIONAL SUMMARY

MCA student with a strong academic background and hands-on software development experience. Proficient in Java with exposure to full-stack projects. Adaptable to polyglot environments, Strong in problem-solving, communication

## TECHNICAL SKILLS

**Programming Languages:** Java, Python (Basic), SQL

**Web & Frameworks:** Spring Boot, React.js

**Core Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS

**Soft Skills:** Communication, Problem-Solving, Teamwork, Adaptability, Time Management

## EDUCATION

**Master of Computer Applications (MCA)** | CGPA: 8.7 | 2023 – 2025 | Affiliated to Mumbai University, Mumbai

**Bachelor of Computer Science (BSC CS)** | CGPA: 8.4 | 2020 – 2023 | Affiliated to Shivaji University, Kolhapur

## WORK EXPERIENCE

**Smart Programming – Software Developer Intern** | Oct 2024 – Jan 2025

Built a CRM system for education using Spring Boot and SQL, managing courses, payments, and feedback, with an AI chatbot for user engagement.

**Elevate Labs – SQL Developer Intern** | June 2025 – July 2025

Worked on real-world datasets, writing and optimizing SQL queries for data retrieval and manipulation. Assisted in designing efficient database schemas and improving query performance

## PROJECTS

- **Sorting Visualizer** (*HTML, CSS, JavaScript*)

Built an interactive tool to visualize sorting algorithms with adjustable speed and array size for educational purposes.

- **E-commerce Website for Education** (*Spring Boot, SQL*)

Created a course platform with features like course management, payments, and an AI-powered chatbot for user support.

- **Face Emotion Detection** (*OpenCV, Python, Deep Learning*)

Developed a system to detect and classify facial emotions using machine learning and computer vision techniques.

- **Supermarket Management System** - (*Java, Swing, MySQL*)

Developed a desktop application for inventory, billing, and reporting to streamline stock management and improve retail operations.

## CERTIFICATIONS & ACHIEVEMENTS

- Completed C/C++ Fundamentals course from Disha Computers and Java Programming course from Code Expert.

- Winner - Intra-college Chess & Inter-department Painting Competitions