

Vedika Pramod Shitole

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Objective

Motivated and curious B.Tech student in Computer Science and Business Systems at JSPM's RSCOE, Pune, with hands-on experience in app development, robotics, and AI. Seeking a challenging role or internship opportunity to apply technical skills, contribute to impactful projects, and grow as a well-rounded software engineer in a collaborative environment.

Education

B.Tech in Computer Science and Business Systems

JSPM's RSCOE, Pune | Expected Graduation: 2027

CGPA: 8.67 (Till Sem 3)

HSC (Class 12th), Science Stream

JSPM's Blossom Junior College, Pune (CBSE) | 2023

Percentage: 64%

SSC (Class 10th)

JSPM's Blossom Public School, Pune (CBSE) | 2021

Percentage: 89%

Technical Skills

Languages: Python, C++, Dart

Frameworks & Tools: Flutter, OpenCV

Platforms & OS: Linux (Ubuntu)

Projects

1. Personal Finance Tracker (Python, MongoDB, HTML/CSS)

- Built a web application to manage expenses with secure login, CRUD operations, and real-time balance display.
- UI includes home, transactions, and index views.

2. Basketball Playing Robot (YOLOv5, Python, OpenCV)

- Trained YOLOv5 model to detect basket, calculated distance, and controlled mechanism to throw ball accurately.

3. Smart Bucket Controller App (Flutter, Dart, ESP)

- Developed an app to wirelessly control a smart bucket using ESP WiFi module and custom Flutter UI.

Achievements & Leadership

- Winner, College-Level Idea Pitching Competition (Curevo - AI neurotherapy healthcare solution)
- Robocon 2025 Participant (Team Cipher) - contributed to robot development and strategy
- President, Techwalks (Department-Level Tech Club)
- Young Entrepreneur - marketed and sold organic mangoes from personal farm

Certifications

- AI in Healthcare - 6-Week Internship (CMIS, GVPCE)
- Introduction to Artificial Intelligence (IBM SkillsBuild)
- Enhancing Soft Skills and Personality (NPTEL)
- C++ Training (IIT Bombay - Spoken Tutorial)
- OpenCV for Beginners - In Progress
- MongoDB for Developers - In Progress
- Flutter & Dart (Coursera) - Planned
- ROS 2 Fundamentals - Planned