

# Yash Anil Dhudat

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## PROFESSIONAL SUMMARY

Final-year B.E. Information Technology student with strong foundations in Java, Python, DSA, OS, and DBMS. Experienced in building scalable software systems, ML-driven applications, and full-stack projects. Skilled at problem-solving, collaboration, and delivering impact through real-time projects, internships, and hackathons.

## EDUCATION

**B.E. – Information Technology | Savitribai Phule Pune University | SGPA: 8.79**

## TECHNICAL SKILLS

- **Languages:** Java, Python, SQL, JavaScript, React.js
- **Core Competencies:** Data Structures & Algorithms, Operating Systems, Computer Networks, OOP's
- **Tools & Frameworks:** React.js, Flask, Agile, REST APIs, Git/GitHub, Cloud Computing
- **Specialized Domains:** Real-time Computer Vision, Multimedia (Audio/Video/Image), IoT Applications
- **Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Communication

## PROJECTS

### 1. Virtual Canvas Painter (Python, YOLOv5, Mediapipe, OpenCV)

- Built a gesture-controlled drawing system with custom YOLOv5, achieving real-time <30ms latency.
- Demonstrated system-level design in computer vision + real-time multimedia applications.

### 2. GreenRoute AI (React, Node.js, SQLite, Leaflet)

- Designed an eco-friendly delivery route optimizer, reducing carbon footprint by ~15%.
- Implemented real-time route planning with simulated GPS mapping.

### 3. Automated Course Content Generator (Python, Streamlit, Gemini API)

- Automated content parsing, generation, and export to PDF, reducing preparation time from hours to minutes.
- Focused on system efficiency and scalability, using APIs and automation pipelines.

### 4. Car Rental Android App (Java, Firebase)

- Built secure role-based access system with Firebase Authentication.
- Improved booking efficiency by 30% with optimized system design.

## EXPERIENCE

### 1. Data Analyst Intern | Paarsh Infotech Pvt. Ltd. | Jan 2025 – Jul 2025 (Hybrid)

- Analyzed large datasets, automated dashboards (Power BI) improving client reporting efficiency by 40%.
- Collaborated with cross-functional teams for data-driven decision-making and system improvements.

### 2. ERP Intern | MIT ERP Office | Jul 2022 – Aug 2022 (Onsite)

- Worked on ERP systems for student data automation and reporting.
- Gained experience with database integration and process optimization.

## CERTIFICATIONS

1. AWS Solutions Architecture
2. Core Java & Python Programming – Ravi Academy
3. Database Management (IIT Kharagpur – NPTEL)
4. Walmart Advanced Software Engineering Simulation
5. Cloud Computing (IIT Kharagpur – NPTEL)

## ACHIEVEMENTS

- **Google Student Ambassador** – Representing Google in student community, conducted workshops & events.
- **Participated in multiple hackathons** including SIH, IndiaAI Hackathon, Walmart Sparkathon 2025.
- **Pre-placement offer** – Wipro WILP Scholar Trainee Program (2023)