



# SARVESH GHOTEKAR

## Computer Engineering Student

### ABOUT ME

Detail-oriented Computer Engineering student with hands-on experience in software development, database systems, and testing. Completed multiple offline internships, led a team for an industry program, and built projects ranging from management systems to a graph-based travel planner and a SQL-driven detective game. Presented a review paper at a National Conference and earned 10+ certificates reflecting continuous learning. Demonstrated leadership by organizing events for 200+ students, and known for clean coding practices, ownership, and a strong problem-solving mindset.

### EDUCATION

#### Bachelor of Computer Engineering

G. E. S. R. H. Sapat College of

Engineering

2023 - Present

### SKILLS

#### Programming & Web Development

- Python
- JavaScript (JS)
- HTML
- CSS

#### Frameworks & Technologies

- Django
- React.js
- Node.js

#### Databases

- MySQL
- Supabase

#### Backend Concepts

- REST APIs
- CRUD Operations

#### Testing & Automation

- Automated Testing
- Hardware-in-the-Loop (HIL) Testing

#### Tools

- Git
- VS Code
- Postman
- Linux (Basics)

#### Soft Skills

- Leadership
- Research Skills
- Critical Thinking
- Clean Coding

#### Tools

- Excel

### LANGUAGE

- English
- Marathi
- Hindi

### EXPERIENCE

#### Student Intern

August 2025 - October 2025

Rishabh Instruments | Nashik, India

- Designed and implemented Python-based orchestration scripts to streamline multi-stage calibration and testing workflows.
- Automated pulse output, voltage error, impulse error, and post-calibration procedures to ensure compliance with standards.
- Built modular utilities (UI helpers, configuration modules, and transport layers) to enable scalable and reusable code.
- Contributed to error calculation modules and integrated them into the end-to-end test flow.
- Supported hardware-in-the-loop validation by running automated tests on actual meters.

#### Data Associate L1

November 2025 - Present

Infotact Solutions | Bengaluru, India (Remote)

- Collaborate with the team to build backend systems and automation tools using Python.
- Write clean, modular, and reusable code for applications, scripts, APIs, and data processing tasks.
- Integrate Python with databases, web frameworks, and third-party services.
- Debug, test, and troubleshoot code to ensure stability, security, and performance.
- Maintain documentation for codebase, APIs, and development workflows.

### CERTIFICATES

- Oracle Data Platform Certified Foundations Associate
- Responsive Web Design – freeCodeCamp
- Tata GenAI-Powered Data Analytics Simulation – Tata Group
- Accenture Developer & Technology Job Simulation – Accenture
- JPMorgan Excel Skills Job Simulation – JPMorgan Chase & Co.

### PROJECTS

#### CRICKET AUCTION MANAGEMENT SYSTEM | React.js, Node.js, Supabase | 2025 | Personal Project

- Designed a real-time web platform to digitize local cricket player auctions.
- Integrated Supabase for live bidding, budget tracking, and player data management.
- Built intuitive admin and user dashboards with seamless, responsive UI/UX.

#### AUTOMATED TESTING SCRIPTS | Python, Hardware-in-the-Loop (HIL) | 2025 | Rishabh Instruments – Internship Project

- Developed Python scripts to execute predefined test instructions for electrical meters.
- Automated multi-phase calibration and verification workflows to determine meter accuracy against hallmark standards.
- Created modular utilities for device communication, test configuration, and data handling to improve reliability and repeatability.

#### LIBRARY MANAGEMENT SYSTEM | Django, MySQL, HTML/CSS | 2024 | Academic Project

- Built a Django-based system for streamlined book issuance, returns, and record management.
- Implemented secure CRUD operations with structured MySQL database handling.
- Designed clean front-end interfaces for librarians and student users.