

SURAJ SHIVAJI CHAVAN

Ingali, Kolhapur, Maharashtra 416202 || +91 8411906832 || chavansuraj8411@gmail.com
[linkedin.com/in/chavansuraj8411](https://www.linkedin.com/in/chavansuraj8411) || Date of Birth: 22 Jan 2004

OBJECTIVE

An **Electronics and Computer Engineer** with strong knowledge in Industrial Automation. A dedicated and quick learner seeking opportunities in a growth-oriented organization that provides challenges to enhance professional and technical skills.

SKILLS

- Familiar With:** Industrial Automation Tools (DCS System, PLC Programming, SCADA Development, HMI Design, Control Panel Wiring, Basic Electronics)
- Developer Tools:** 1) DCS System
2) PLC Programming (TIA Portal, GX Works, WPL Soft, RS Logix)
- Soft Skills:** Leadership, Teamwork, Problem Solving, Time Management, Quick Learner.
- Languages:** English, Hindi, Marathi (Native)

EDUCATION

Class	Percentage /CGPA	Year of passing
· BTech in Electronics and Computer Engineering: Sharad Institute of Technology College of Engineering, Yadrav.	7.31	Expected 2026
· HSC: Govindrao Highschool and Junior College, Ichalkaranji	62.00 %	2022
· SSC: Shree Mahadev Dadoba Gatade Vidhyalay, Ingali	86.00 %	2020

INTERNSHIP & TRAINING

Diploma in Industrial Automation | Vidhi Automation and Solutions, Ichalkaranji

[May 2025 - Aug 2025]

- Basic Electrical
- Control Panel Wiring
- HMI Designing (Mitsubishi GS-2107)
- SCADA Development (Ele E3)
- Servo Programming (INVT Make)
- Hydraulic and Pneumatic
- PLC Programming
Mitsubishi FX5U-32MT
Siemens S7-1200
Delta DVP28SV
Allen Bradley MicroLogix 1100

1) Trainee Engineer | AIMTECH Automation India Pvt Ltd, Pune (**Honeywell Automation India**)

[Dec 2025 – Present]

Internship Experience

Worked on Distributed Control System (DCS) based industrial automation projects, gaining exposure to control panel engineering, system configuration, and installation activities. Also involved in basic installation support and understanding of field connections in real-time industrial environments.

→ Project 1: MPPGCL Project (DCS System)

- Performed GA/IA verification of control panels and punch point checking
- Involved in loop checking using shorting wire and multimeter
- Verified signal continuity and monitored signal status in the system
- Gained understanding of panel components, wiring, and signal flow

→ Project 2: IOCL Panipat Project

- Worked on I/O Assignment and mapping of field signals with control system
- Verified GA drawings and system architecture
- Performed P&ID tag checking using I/O assignment
- Identified and classified IS and NIS signals as per project requirements
- Updated final I/O assignment based on customer requirements

PROJECTS

1) Automatic Street Light Controller

[2022 - 2023]

The Automatic Street Light Controller uses an LDR with an LM358 op-amp comparator to sense ambient light levels. It automatically turns ON street light at night and OFF during day, ensuring energy efficiency.

2) Home Automation

[2023 - 2024]

Home Automation System is a cost-effective and user-friendly allowing users to control household appliances (fan, lamps, etc) via SMS.

3) Development of an Intelligent Rehabilitation System (Paper Published :- [IJSARTV12I3104767](#))

[2025 - 2026]

This project introduces a multifunctional exoskeleton for patients with movement impairments from conditions like stroke or paraplegia. It promotes rehabilitation by improving circulation, posture, and preventing complications, while mimicking natural motion for physical therapy exercises. The device adapts to users, enhancing quality of life.

CERTIFICATIONS

- Coding and Programming Using Embedded C and Python Basics Workshop.
- Participate in idea representation round, Kolhapur region in "DIPEX".
- Completed Virtual Internship, powered by AICTE and EduSkills.
 - 1) Microchip Embedded System Developer Virtual Internship [January – March 2025]
 - 2) Industrial Automation Virtual Internship [July – September 2025]

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.