

# Swapnil S. Shinde

📍 Chh. Sambhajinagar, Maharashtra, India ✉️ swapnilshind3@gmail.com 📞 +91-7507156183

🌐 [linkedin.com/in/swapnilshinde44](https://www.linkedin.com/in/swapnilshinde44) 📁 Portfolio | 🏠 SsCodeHub | 🐙 GitHub

## Professional Summary

AI-focused engineering student with experience building machine learning models, intelligent systems, and automation tools using Python and modern AI APIs. Developed real-world applications including AI assistants, prediction systems, and computer vision models, with a strong focus on scalable design and practical problem-solving.

## Education

### B.Tech in Electronics Engineering (VLSI Design & Technology)

CSMSS College, DBATU

2023 – 2027

Chh. Sambhajinagar

- Currently in 3rd Year (CGPA: 6.91)

### Higher Secondary Education (12th)

Saraswati Educational Academy

2021 – 2023

- Passed with 67.33%

### Secondary Education (10th)

Late. Bhairomal Tanwani Vidhyamandir

2020 – 2021

- Passed with 80.80%

## Experience

### Founder & Lead Developer — SS Code Hub

Web & App Development Startup

Jan 2026 – Present

[sscodehub.in](https://sscodehub.in)

- Developed and delivered real-world web and AI applications for clients using JavaScript, Firebase, and Python.
- Managed full-stack development and deployment of production-ready systems.
- Built production-ready projects including websites, portals, and AI-powered tools.

### Machine Learning Intern — CodeAlpha

Virtual Internship Program

Aug 2025 – Sep 2025

- Worked on real ML projects — Credit Scoring Model and Handwritten Character Recognition system.
- Applied Python-based data preprocessing, model development, and prediction techniques.

## Technical Skills

**Languages:** Python, C++, JavaScript (basic), C, HTML, CSS

**Frameworks & Libraries:** React.js-intermediate, Node.js, Three.js

**Cloud & Tools:** Firebase, Cloudinary, Git, Github, VS Code

**ML & Data:** Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Keras, Scikit-learn, OpenCV, NumPy

**AI & APIs:** OpenAI API, Gemini API, Prompt Engineering & LLM tools

## Projects

### ALPHA – Desktop AI Assistant | Python, Gemini API, Speech Recognition, Automation

GitHub

- Built a fully voice-controlled desktop assistant that operates the system using natural language commands.
- Features include app control, web search, file handling, and conversational responses.
- Integrated Gemini API for intelligent responses and dynamic conversations.

### Code Quest Arena | HTML, CSS, JavaScript, Gemini API, Firebase

GitHub

- Developed an AI-powered coding competition platform with automated answer evaluation.
- Implemented real-time leaderboard and eliminated manual judging using Gemini API.

### Resume Analyser Pro | Python, Gemini API, Firebase

GitHub

- Built an AI-powered resume analysis tool providing feedback on strengths and improvements.

- Developed a full-stack event website for the CSMSS College EE VLSI Design & Technology department.
- Implemented 3D UI and Firebase backend for real-time interaction.

**EV-Gardian | ESP8266, Firebase Firestore, Chart.js, IoT, Embedded Systems**

- Designed and developed an IoT-based EV monitoring system with a real-time dashboard using HTML, CSS, JavaScript, Chart.js, and Firebase Firestore for data visualization and storage.
- Integrated ESP8266 with DHT11 and sensor modules to continuously collect and transmit vehicle and battery parameters to the cloud for live monitoring.
- Implemented a temperature-based safety mechanism that activates a buzzer and blinking red LED when battery temperature exceeds 40°C, enhancing fault detection and operational safety.

## Certifications

---

AWS Solutions Architecture Job Simulation — Forage  
Python 101 for Data Science — Cognitive Class / IBM  
Prompt Engineering for Everyone — Cognitive Class / IBM  
Python (Basic) — HackerRank  
SQL (Basic) — HackerRank  
Innovating with Google Cloud AI — Simplilearn SkillUp  
Introduction to Prompt Engineering — Simplilearn SkillUp  
Getting Started with Microsoft Copilot — Simplilearn SkillUp

## Participation & Workshops

---

Avishkar 2025–26 Research Competition — Institute Level Participant  
INNOHACK 2025–26 Hackathon — Participant  
Code Quest Coding Competition — Participant  
2-Day Workshop on PCB Design and Manufacturing  
5-Day Bootcamp on Internet of Things

## Achievements

---

- Founded **SS Code Hub** (Jan 2026) — a web & app development startup delivering real client projects within 3 months of launch, with a fully functional payment and order management system.
- Built **8+ production-ready projects** solving real-world problems across AI, education, VLSI, and automation.
- Completed a **Machine Learning Internship** at CodeAlpha while actively managing a startup and pursuing engineering degree simultaneously.
- Led **CodeQuest** as Event Head during **TechVortex2K26**, designing and deploying an AI-based competition platform that automated coding assessment, reduced manual evaluation efforts, and successfully managed multiple competition rounds.
- Awarded **Third Prize** at **IGNITE EXPO 2K26** for **ALPHA**, a self-developed AI desktop assistant featuring voice-controlled automation, application control, file management, and smart productivity tools.

## Areas of Interest

---

Full Stack Development | Artificial Intelligence & ML | Agentic AI | Startup Building

## Soft Skills

---

Self-Driven | Time Management | Fast Learning | Problem Solving | Adaptability