europass

Siddharth Soni

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ABOUT MYSELF

Motivated Electrical Engineering graduate with hands-on industrial and teaching experience, seeking to deepen expertise in Automation and IoT.

WORK EXPERIENCE

MSS WORLD SCHOOL – JODHPUR, INDIA

Business or Sector Education

SCIENCE/PHYSICS TEACHER - CAMBRIDGE CURRICULUM – 03/2023 – 04/2025

• Taught electricity, forces, and energy topics with an applied engineering and STEM approach.
• Linked classroom concepts to real-world tech like circuits and renewable energy.
• Conducted hands-on experiments using basic materials to build scientific understanding.
• Mentored students in STEM exhibitions, promoting design thinking and creativity.

SIMPOLO CERAMICS – MORBI, INDIA

Business or Sector Manufacturing

GRADUATE ENGINEER TRAINEE – 09/2022 – 11/2023

• Gained practical insight into ceramic production and role of electrical systems in operations.
• Assisted with control panels, motor drives, and basic troubleshooting.
• Learned application of sensors and PLC-based automation.
• Supported safety checks and daily electrical inspections.
• Observed cross-department coordination for smooth workflow.

THE AKSHAYA PATRA FOUNDATION – JAIPUR, INDIA

Business or Sector Human health and social work activities

INTERN (VOLUNTEER) – 06/2019 – 07/2019

• Participated in a volunteer-based internship focused on large-scale food production and distribution systems.
• Observed the use of industrial machinery in kitchen automation and understood the logistics behind mass meal delivery.
• Gained key organizational skills including communication, teamwork, and time management.
• Attended sessions on public speaking, data collection, surveying, and presenting findings effectively.

EDUCATION AND TRAINING

08/2018 – 09/2022 Bikaner, India

B.TECH. (ELECTRICAL ENGINEERING) Bikaner Technical University

The major modules I studied during this degree are:

1. Engineering Physics
2. Advanced Mathematics
3. Electrical Machines
4. Digital Electronics
5. Power System
6. Control System

Final grade 8.66 / 10.0 (1.6 in German grading system) | **Level in EQF** EQF level 7

2017 – 2018 Jodhpur, India

12TH CERTIFICATE (SENIOR SECONDARY) Cambridge Public Sr. Sec. School

Final grade 7.4

LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS AND PROJECTS

Technical and Digital Skills

1. Programming Languages: C, Python, HTML/CSS, JavaScript

2. Software & Tools: Arduino IDE, MATLAB (basic), Blender, MS Office (Word, Excel, PowerPoint)

Projects

1. Design and Implementation of SEPIC Converter for PV Applications (MATLAB Simulink)

2. Mini Project – Automatic Dustbin using Micro servo and HCSR04 sensor (Arduino UNO, C Programming, IoT)

3. Basic Web Portfolio (HTML/CSS, JavaScript)

COMMUNICATION AND INTERPERSONAL SKILLS

Soft Skills

Adaptability
Problem-Solving
Time Management
Troubleshooting

VOLUNTEERING

07/2019 – 05/2022

NCC Cadet – National Cadet Corps

• Completed 2 years of NCC training with a focus on discipline, leadership, and national service.
• Participated in parade drills, physical fitness training, and disaster response simulations.
• Actively contributed to social service activities including tree plantation and awareness drives.
• Developed strong communication, teamwork, and leadership skills through regular camps and group tasks.

CERTIFICATIONS

Electronic & Electrical Devices Maintenance & Troubleshooting – Udemy

Covered practical troubleshooting methods for electrical circuits, devices, and control systems.

The Arduino Platform and C Programming – Coursera

Introduced embedded programming and real-world interfacing using Arduino boards.

Induction Motor – TATA Steel

Focused on construction, operation, and performance of induction motors in industrial setups.