

# Shruti Mahavir Kavare

Enthusiastic and driven engineering fresher seeking an entry-level role to apply technical skills, solve real-world problems, and contribute to innovative, growth-oriented projects.

 kavareshruti1008@gmail.com

 91305 72004

 Kolhapur

 shruti-kavare-bab278257

## EDUCATION

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### D. K. T. E. Textile and engineering institute, Ichalkaranji

B. Tech Electrical Engineering - 8.19 2022 - 2026

### Parshram balaji patil junior college, mudal

Higher secondary education (HSC) - 70.83 2021 - 2022

### Amdar Shri namdevrav bhoite madhyamik vidhaly, k||Wolve

Secondary Education - 90.80 2019 - 2020

## Internship

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### Sharda Electronics & Co. Sharda Electronics & Co. J-32, MIDC, Kupwad, Sangli, Maharashtra, India

01/2024 - 02/2024

Gained hands-on exposure to capacitor manufacturing processes, testing procedures, and quality control in a real-time industrial setup. Learned about various types of capacitors, their applications, and key parameters affecting performance and reliability.

### Tata Power Skill Development Institute (TPSDI) Shahad

12/2024 - 04/2024

Completed certified training in Green Hydrogen Systems, Solar Skills for Engineers, and Power System Familiarization. Gained practical insights into emerging energy technologies, solar PV systems, and power distribution.

## PROJECTS

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### Home Automation using Arduino UNO

2023-24

Developed a smart home system using Arduino UNO and an Android app to control appliances remotely. Focused on enhancing comfort, convenience, and energy efficiency through embedded systems and IoT integration.

### Vertical Axis Wind Turbine

2023-24

Designed and prototyped a vertical axis wind turbine for small-scale renewable energy generation. Utilized 3D modeling and focused on optimizing turbine blade design for improved efficiency in low-wind conditions.

### Kitchen Fuel Revolution

2024

Developed a sustainable cooking energy prototype using bio-based fuel, aiming to reduce emissions and promote clean energy.

## Co-curricular Engagement

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Served as the **Startup and Incubation Coordinator** at EESA (2023–24), where I led and coordinated multiple innovation-driven events. Actively participated in **technical fests, competitions, and departmental activities**, contributing to both learning and collaborative team engagement.

## LANGUAGE

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English

Marathi

Hindi