

# Sayali Madkar

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## Career Objective

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To achieve a good position in Reputed Industry to explore more and to utilize my communication, technical and interpersonal skills to work towards organizational goals.

## Key Skills

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- **Soft Skills:** Communication, Problem Solving, Team Management.
- **Technical Skills:** Java, HTML, CSS, JavaScript, Python, Machine Learning, MATLAB Simulink, MS word, Excel, MS PowerPoint.

## Education

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<b>MIT Academy of Engineering, Pune</b> <i>B.Tech in Electronics and Telecommunication - (CGPA - 8.43)</i>	<b>August 2019 – April 2023</b>
<b>Maharaja Sayajirao Junior College Satara, Satara</b> <i>Science (HSC - 80.92%)</i>	<b>June 2019</b>
<b>Sakharwadi Vidyalaya Sakharwadi, Satara</b> <i>(SSC - 95.40%)</i>	<b>June 2017</b>

## Academic Projects

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<b>Forest Fire Detection using Remote Sensing and Deep Learning</b>	<b>Jul 2021 – Dec 2022</b>
○ Project is based on multiclassification of fire, nofire and smoke from images. Training of images and testing on videos is successfully done in this project.	

## Internships

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<b>MITAOE - Project Based Intenship</b>	<b>Jun 2022 - Aug 2022</b>
○ Internship is based in deep learning domain. The project is based on video-based forest fire detection using CNN for early fire detection.	

## Achievements

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<b>INC 2022 project exhibition</b>	<b>March 2022</b>
○ Runner up in "InC 2022 Project Exhibition" under "Machine Learning Domain".	

## Trainings

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<b>Zensar Technologies Training Program</b>	<b>Dec 2021 – June 2022</b>
○ Learned about MySQL, Python, Java, Advanced Java, and soft skills in this training.	

## Publications

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"Video Based Forest Fire and Smoke Detection Using YoLo and CNN", IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, December 2022.