

# Mayur Ade

## SOC Analyst

An ambitious individual with an interest in Software development and Robotics.

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## EDUCATION

### Bachelors in Engineering (SPPU ) P.E.S Modern College of Engineering

06/2016 - 06/2020

Mechanical

## PROJECTS

#### Automatic attendance management system

- Automated a process to reduce a professor's effort in manually adding attendance in excel sheet and identifying student defaulter's via a particular criteria
- Used different Python libraries to execute this process such as OpenCV, TensorFlow, Tkinter and Excel library

#### Automated Quadruped Robot

- Created various prototypes of 4-legged robot known as quadruped robot.
- Successfully automated the robot to traverse a specific path and dodge all obstacles.
- Secured 100/100 points in Round 1 and 95/100 in round 2 of National ABU Robocon event.

#### Design, Development and Analysis of a Valve Train for a Single Cylinder Engine (Sponsored by Automotive Research Association of India)

- Created a Python program that will automate cam curve boundaries and plot kinematic curves automatically for the mechanism
- Designed and analyzed a valve train for single cylinder diesel engine using polydyne cam approach
- Published a research paper analyzing this approach on [IRJET](#)

## WORK EXPERIENCE

### SOC Analyst Tata Consultancy Services

02/2021 - Present

Pune, India

#### Responsibilities

- Worked as an offshore SOC Analyst of Cyber Security team.
- Conduct proactive monitoring, investigation, and mitigation of security incidents.
- Investigation on email alerts which includes analysis of phishing emails, spam emails, malicious attachments and blocking of IOCS based on analysis.
- Dark web monitoring and taking preventive actions on data leaked on dark web.

## SKILLS

Python

Javascript

React

Node

Core Java

Html

CSS

Bootstrap

## INTERNSHIP

Automotive Research Association of India , Pune  
(09/2019 - 07/2020)

Project Intern

## CERTIFICATES

Data Visualization with Python (04/2020 - Present)  
[CoursEra](#)

Python for Data Science and AI (04/2020 - Present)  
[CoursEra](#)

Data Analysis with Python (04/2020 - Present)  
[CoursEra](#)

Python (06/2020 - Present)  
[HackerRank](#)

## HOBBIES & INTERESTS

Chess

Cricket

Cycling

Trekking

Rubik's Cube