



## BRIEF SUMMARY

I am a final-year IT student looking for opportunities to upgrade my skills and willing to utilize my technical skills to achieve the target and develop the best performance.

## KEY EXPERTISE

Problem Solving | Web Development | Data Analytics | Data Visualization | AIML | Python | SQL | API Testing | DBMS | OOPs

## EDUCATION

### MIT Academy of Engineering, Pune

B.Tech. - Information Technology | CGPA: 9.53 / 10

2020 - 2024

### MAA BHARTI SR SEC SCHOOL TALWANDI KOTA RAJASTHAN, Kota

12<sup>th</sup> | CBSE | Percentage: 76.40 / 100

2019

### JINDAL VIDYA MANDIR SALAV RAIGAD MAHARASHTA, Salav

10<sup>th</sup> | CBSE | Percentage: 87.40 / 100

2017

## INTERNSHIPS

### Rolls-Royce Power Systems | IT / Computers - Software

28 Feb, 2024 - Present

Software Developer Intern

Working on integrating AI into software to optimize workflows and enhance user experiences and delivering AI-driven solutions for increased productivity and cost savings.

### Colgate-Palmolive

03 Jul, 2023 - 29 Dec, 2023

RPA Developer Intern

**Key Skills:** DOMO | Snowflake | Data Analytics | Data Visualization | Airflow | Postman | API Testing | SQL

I have been an integral part of the RPA Developer team, primarily focused on analytics. My role involves creating and maintaining data dashboards using DOMO while managing data integration from various sources, primarily Snowflake. Key responsibilities include:

Data Integration  
Data Pipeline Management  
Dashboard Development

## PROJECTS

### Timelog

15 Aug, 2022 - 30 May, 2023

**Mentor:** Prajakta Ugale | **Team Size:** 4

**Key Skills:** DBMS | TypeScript | NodeJS | Genetic Algorithms | next.js | Machine Learning

Timelog is a genetic algorithm-based web app that can auto-generate optimal timetables when provided with desired time slots, rooms, divisions, etc through user input.

### Event Management System

**Team Size:** 4

**Key Skills:** HTML | CSS | Javascript | MongoDB | NodeJS

A comprehensive event management website that simplifies and streamlines the management of multiple parties - organizers, sponsors, etc.

### Lung Cancer Prediction

**Mentor:** Sunita Barve | **Team Size:** 3

**Key Skills:** ML | Artificial Neural Networks | SVM | Random Forest | Ensemble Learning

A simple research project on improving existing lung cancer prediction models using ensemble learning techniques. Employed various machine learning models like Random Forest, SVM, Linear Regression, Decision Tree, LightGBM, CatBoost, AdaBoost, XGBoost, and ANN to improve predictions by finding the best-fit model with highest accuracy.

## PUBLICATIONS / RESEARCH / WHITE PAPERS

### Predicting Lung Cancer using XGBoost and other Ensemble Learning Models

| IEEE | **Mentor:** Dr. Sunita Barve | **No. of Authors:** 5

**Key Skills:** Machine Learning Ensemble Learning

Abnormal reproduction of cancerous cell growths in the lungs leads to highly fatal lung cancer. Early detection is essential for reducing death rates of lung cancer. Recent studies have shown that machine learning algorithms can effectively diagnose lung cancer from medical datasets. This paper reviews the predictive effectiveness of various machine learning ensemble techniques used in lung cancer detection.

## ASSESSMENTS / CERTIFICATIONS

### Microsoft Azure AI Fundamentals (AI-900)

**Key Skills:** Azure Artificial Intelligence NLP Computer Vision Machine Learning

Azure AI Fundamentals is a certification program offered by Microsoft that validates the foundational knowledge of candidates in the field of Artificial Intelligence (AI) and Azure services. The certification is designed for individuals who want to demonstrate their knowledge of AI and its applications using Azure services.

### CyberOps Associate by Cisco

**Key Skills:** Cyber-security Cryptography Network Attacks SOC Metrics

A CyberOps Associate is an entry-level cybersecurity professional who helps ensure the safety and security of an organization's digital assets. They assist in protecting computer networks and systems by monitoring, detecting, and responding to security incidents. Their job responsibilities may include analyzing security data, identifying vulnerabilities, and implementing security solutions to prevent cyber attacks.

### Azure Data Fundamentals DP-900

**Key Skills:** Azure Cloud MySQL Power BI Azure Cosmos DB

DP-900 is a certification exam offered by Microsoft, which is designed to test the foundational knowledge of individuals in the field of data and artificial intelligence (AI). The exam covers the basics of data concepts, data storage, and data processing, as well as the concepts of AI and machine learning.

## CO-CURRICULAR ACTIVITIES

- Finalist In INSPIRON 2.0 National Level Hackathon organised by COEP.
- Among top 30 teams to present idea in Datathon organised by our college

## PERSONAL INTERESTS / HOBBIES

- Travelling
- Listening to Music
- History Podcasts

## WEB LINKS

- Github - <https://github.com/Avishk12>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** ROOM NO.#08, 3rd FLOOR, GILBILE COLONY (GATE 2), Opposite Of Anand Multispecialty Hospital, Alandi., Pune, Maharashtra, India - 412105

**Emails:** avish.khandelwal@mitaoe.ac.in , avish12k@gmail.com

**Date of Birth:** 12 May, 2001

**Known Languages:** English, Hindi, Marathi

**Permanent Address:** FLAT NO 09, SHRI SWAMI SHAKTI SOCIETY, SHIV NAGAR, CHENDHARE, BEHIND VAIBHAV HOTEL, ALIBAG, Alibag, Maharashtra, India - 402201

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