

# ONKAR KOTA

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## Education

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**K J Somaiya Institute Of Engineering and Information Technology**

*Bachelor of Technology in Electronics Engineering(Pursuing - CGPA of 8.51)*

*August 2019 - June 2023*

*Mumbai, India*

**SES Jr College Of Arts and Science**

*Higher Secondary Qualifications(81.38%)*

*August 2017 - June 2019*

*Solapur, India*

**H.C.C English Convent**

*Secondary Qualifications(85%)*

*August 2016 - June 2017*

*Solapur, India*

## Technical Skills

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**Languages:** Python (Numpy, Pandas, SciKitLearn, OpenCV)

**Database:** MySQL

**Machine Learning:** Regression, Classification, Clustering, CNN

**Tools:** Tableau, Power BI, Git, TensorFlow, AWS Cloud

**Non Technical:** Content writing, Documentation, Presentation

## Personal Project

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**Fake-News-Detection** | *Python, NLPTK, ML models* |

- A fake are those news stories that are false: the story itself is fabricated, with no verifiable facts, sources, or quotes. The problem is real and hard to solve because the bots are getting better are tricking us.

**Prime Movie Recommender System** | *Python, EDA, TensorFlow* |

- In this project, I have chosen to build movie recommender systems based on K-Nearest Neighbour (k-NN), Matrix Factorization (MF) as well as Neural-based. The data that I have chosen to work on is the MovieLens dataset collected by GroupLens Research.

**Virtual AI-Painter** | *Python, OpenCV, Canva* |

- In this project we will try to draw virtually Here we use python and python libraries. Here we use two fingers for selection and one finger for drawing. And the best part is that all of this will be done in real-time.

**QR Attendance System** | *Python, OpenCV, Tkinter, MYQR* |

- This project is an attendance system which provides attendance on scanning QR code. The attendance is stored in Excel file named with the date of attendance taken.

## Academic Projects

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**Calculating Air Quality Index Analysing Google Images** | *TensorFlow, Python, PM2.5, CNN* |

- Analyzing Image in Order to get Air Pollution Data.
- Compare the predictions from the **CNN** model to predictions made from doing a simple linear regression on hand-engineered features and retrained models that process raw images

**eHealth Monitoring System for Covid-19 Patients** |

- This project was designed to provide dedicated health care staff with a ready-to-use tool for remotely monitoring patients with progressive symptoms of COVID-19. This project is hardware and software based.

## Technical Experience

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### iNeuron.ai - Data Analytic and Machine Learning Intern

Oct 2021 — Dec 2021

- Gathered insights on the startup culture of the nation and performed data visualization on self gathered and cleaned data using python libraries and Tableau.
- The analysis also included web-scraping, plotting graphs and compiling the findings as a report and a presentation

### Virtual Internships

Dec 2021 — March 2022

#### Accenture - Data Analytic Virtual Experience

- Quickly getting up to speed with the business problem being addressed, project requirements and team alignment.
- Modeling data to create valuable insights.
- Presenting presentation to the Client

#### KPMG - Data Analytic Consulting Virtual Internship

- Here I worked specially on analytic part.
- I also developed some machine learning models using various algorithms.
- The experts in this field were guiding me on every path.

#### Boston Consulting Group (BCG) - Data Science and Analytic

- Using Tableau and Python tools, we did data visualisation on our own collected and cleansed data to gain insights into the startup culture of the country.
- Completing tasks on daily basis.
- Research Experience.

## Achievement and Certifications

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- \* Solved around **300+** questions around various competitive platforms.
- \* **Certificate:** Data Science and Machine Learning | *CodingNinjas* |
- \* **Certificate:** Basic Python and Data Structures and Algorithms | *CodingNinjas* |
- \* **Certificate:** Data Analytics Specialist | *LinkedIn Learning* |
- \* **Certificate:** Natural Language Processing | *IIT Kanpur* |
- \* **Certificate:** Databases and SQL for Data Science with Python | *Coursera* |
- \* **Certificate:** Data Analytics Specialist | *LinkedIn Learning* |