

# Abhishek Nilesh Potdar

## B.Tech. I.T

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

### EDUCATION:

#### K. J. Somaiya College of Engineering

2018 - 2022

Bachelor of Technology, Information Technology

GPA: 8.91 / 10

**Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Network Security, Exploratory Data Analysis, Artificial Intelligence, Machine Learning, DevOps, Blockchain

#### Shubham Raje Junior College- XII

2016 - 2018 - **91.5%**

#### Smt. Sulochanadevi Singhania School- X

2016 - **96.4%**

### TECHNICAL SKILLS:

- **Languages:** Python, Java, C++, C
- **Web Technologies and Database:** HTML, CSS, JavaScript, ReactJS, Angular, Django, NodeJS, Express, Bootstrap, PHP, Dot Net, MYSQL, PostgreSQL, MongoDB
- **Libraries:** Scikit learn, Keras, NumPy, Pandas, Matplotlib, OpenCV
- **Tools & other Technologies:** AWS, Azure, GCP, Git, Jenkins, Android Studio, SVN

### INTERSHIPS:

#### Project Manager & Researcher at KJSCE

Jan 2022 - June 2022

- Implemented YOLO algorithm in a 360-degree camera to recognize objects in real-time.
- Design a Text-to-speech engine for blind people in local Indian languages

#### Product Development (Angular) intern at ARCON TechSolutions

Jan 2021 - July 2021

- Improved and modified user interface of the application in Angular.
- Solved ticket-related VAPT points and backend issues in dot net.
- Implemented token authentication for increased security.

#### Data Science and Business Analytics intern at Sparks Foundation

June 2021

- Build machine learning models using Python libraries.
- Analyze data and find important patterns using BI tools.

### PROJECTS:

#### Face Recognition Attendance System (*OpenCV, Keras, ReactJS, Django, MongoDB, Numpy, Matplotlib*)

- Attendance marking application where images from a live feed are verified for liveness detection using CNN and blinking detection and then transmitted through a face recognition CNN model where faces are detected and matched with the database.

#### Pro Soccer Predictor (*Django, Scikit learn, Numpy, Pandas, HTML, CSS, Bootstrap, SQLite*)

- Website for football prediction and analysis where a user can view the match outcome of a football match and goals scored by each team and also view player specific analysis.

#### Loan Default Prediction (*Scikit learn, Keras, Numpy, Pandas, Matplotlib, Seaborn*)

- Prediction whether a bank should give loan to a person based on loan default, given the user history from the dataset using different machine learning algorithms with hyperparameter tuning and neural networks.

### COURSES/CERTIFICATIONS:

#### AWS Cloud Technical Essentials by AWS, Coursera

- Applied core AWS services for compute, storage and database to different use cases.
- Learned about cloud security in AWS, AWS IAM, Infrastructure optimization.

#### Machine Learning A-Z: Hands-On Python in Data Science, Udemy

- Studied various machine learning algorithms and designed ML models on varied datasets
- Learned and applied basics of Deep Learning and NLP

#### Android App Development, Udemy

- Designed and developed many android apps on Android Studio using Java, Kotlin and Firebase.

#### The Web Developer Bootcamp, Udemy

- Developed Web Applications using MEAN Stack