

# POOJA CHAVAN

Open to work

## CONTACT

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- A/p Banavdi Tal: Karad  
Dist: Satara

## SUMMARY OF THE PROFILE

Enthusiastic and diligent mathematics POST-Graduate student seeking a challenging entry-level position in your company. With a strong foundation in python and Machine learning. Eagar to contribute my skills and knowledge to a dynamic team and committed to continuous learning and professional growth

## EDUCATION

**Msc** | Sadguru Gadge Maharaj college, karad | 10 SGPA | 90.50% (last sem)  
**BSc** | sadguru gadge Maharaj college, Karad | 9. 34CGPA | 88.75%  
**HSC** | 2019 | Maharashtra State Board | 72.92%  
**SSC** | 2017 | Maharastra State Board | 86.20%

## ADDITIONAL SKILLS

**Python/ML Packages:**  
NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, plotly, Matplotlib.  
**Machine learning:** Linear Regression, Ridge & Lasso Regression, Logistic Regression, k Nearest Neighbor's Classifier, Decision Tree.  
**SQL:** RDBMS, mysql, xampp.  
**Deep Learning:** ANN, CNN  
**NLP:** Tensorflow, keras

## Personal Details

DOB: 27-06-2001  
Languages: English, Hindi, Marathi  
Hobbies: Listening music, travelling learning new things  
Marital Status: Unmarried

## PROJECTS

### **Project1: Loan Riskiness prediction**

**Domain:** Finance

#### **Description:**

Document Classification to help the organization to meet legal and regulatory requirements for retrieving specific information in a set timeframe.

#### **Roles and Responsibilities:**

- Cleaned and preprocessed the data, handling missing values, outliers, and data Transformation.
- Analyzed financial trends and regulations to determine relevant features for risk prediction.
- Selected and implemented suitable model architectures for loan prediction.
- Performed feature engineering to create informative features from the data and optimized model hyperparameters.
- Analyzed model performance metrics like accuracy, precision, recall, and ROC-AUC to evaluate its effectiveness.

### **Project2: Metal Defect Detection**

**Domain:** Manufacturing

#### **Description:**

Developed a CNN-powered system for automatic detection of defects in metal surfaces, improving quality control and production efficiency.

#### **Roles and Responsibilities:**

- Categorized the relevant types of metal defects for the specific application.
- Selected and implemented a suitable CNN architecture for image classification.
- Optimized the CNN model hyperparameters through training and validation phases.
- Developed the code for building, training and evaluating the CNN model

**Project3:       OCR techinques**

**Domain:**

**Description:**

Extracted important text from documents for loan application like pancard, adhaar card, salary slip, application form.

**Roles and Responsibilities:**

- Collected documents related to loan applications.
- Extracted important information or text using pytesseract .
- Made a excel file of that data.

