

# LOKESH JADHAV

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Sant Tukaram Nagar Pimpri. Pune, 411018

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## JR SOFTWARE DEVELOPER

A skilled and hardworking professional with analytical skills, targeting assignments as Developer and always Emerging towards the new technologies. Adaptable with knowledge of application development, configuration management, database design and managing. Aiming to leverage my abilities to successfully fill the vacancy on your team. Frequently praised for communication by my peers, I can be relied upon to help your team achieve its goals.

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### KEY SKILLS

PHP Programming  
Python Programming  
Laravel  
SQL  
Numpy

JavaScript and jQuery  
Power BI  
TensorFlow  
GIT  
Pandas

Excel  
Keras  
Seaborn  
Scikit-learn  
Matplotlib

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### PROFESSIONAL EXPERIENCE

**Magneto IT Solutions**  
As Custom Backend Developer

Jan 2022 - Jan 2024

Accomplishments:

#### **Development, Designs and Optimization:**

- Designed and implemented data models and architectures to meet specific business needs, incorporating data sourced from multiple systems.
- Integrated third-party APIs into existing web applications to enhance functionality and provide additional features.
- Utilized PHP, JavaScript, HTML, and CSS to develop and implement software solutions tailored to clients' requirements.
- Maintained existing databases by optimizing queries for improved performance and troubleshooting any issues that arose.

### PROJECTS

#### **Swiggy Restaurant Analysis:**

**Programming Languages:** Python

**Libraries and Tools:** NumPy, Pandas, Matplotlib

- Ensured data integrity through thorough cleaning and preprocessing.
- Analyzed key metrics such as restaurant ratings, price ranges, cuisine types, and delivery times.
- Created detailed visualizations to illustrate data trends.
- Identified top-performing restaurants and popular cuisines; provided strategic recommendations.

#### **False Alarm Detection:**

**Programming Languages:** Python

**Libraries and Tools:** NumPy, Pandas, Scikit-learn, Flask

- Cleaned and prepared the dataset using NumPy and Pandas.
- Handled missing values, standard scaling, and categorical data.
- Selected features including Ambient Temperature, Calibration (days), Unwanted Substance Deposition, Humidity (%), and H2S Content (ppm).
- Implemented a Logistic Regression model with Scikit-learn.
- Integrated the model for real-time prediction of alarm danger levels.
- Reduced false alarms, saving costs on unnecessary sanitization and inspections.
- Achieved high accuracy in classifying hazardous vs. non-hazardous alarms.

## **World Population Analysis (1990-2023):**

**Programming Languages:** Python

**Libraries and Tools:** NumPy, Pandas, Matplotlib, Seaborn

- Gathered and cleaned population data using NumPy and Pandas.
  - Conducted exploratory data analysis on key population metrics and trends.
  - Created detailed visualizations with Matplotlib and Seaborn to illustrate trends.
  - Identified significant trends and patterns in global population growth and demographics.
  - Produced insightful visualizations highlighting population trends and regional differences.
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## **CERTIFICATION**

### **Data Science Course**

[Course Completion Certificate](#)

### **SQL Certificates**

[SQL Intermediate Certificate](#)

### **Python (Basic) Certificate**

[Python Certificate](#)

### **AWS Academy Graduate - AWS Academy Cloud Foundations**

[AWS Elemental, an Amazon Web Services Company](#)

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## **EDUCATION**

### **Institute of Industrial and Computer Management and Research (IICMR)**

Master's In Computer Application (2020-2022)

### **ASM (CSIT) College of Commerce, Science and Information Technology**

Bachelor In Computer Application (2017-2020)

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## **PERSONAL INFORMATION**

### **Gender:**

Male

### **Github Link:**

[Portfolio](#)

### **Linked In:**

[Lokesh Jadhav](#)