

# Niraj Vasant Shegokar

Python and Java Developer | Software Engineer | Data Science

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## 👤 PROFILE

- Passionate Java, Python developer with expertise in **Backend Development, Data Science, and Machine Learning**.
- Proficient in building scalable applications using **Python, Java, Spring Boot, Hibernate, Django, SQL, and MySQL**.
- Skilled in **REST API development, database management, and full-stack integration**.
- Always eager to explore new technologies and contribute to impactful projects.

## 📜 CERTIFICATES

**Artificial Intelligence Fundamentals from IBM** 🔗  
Issued: Jan 2025

**Java Full Stack Developer by JSpiders, Bengaluru**

**Introduction to Generative AI from Google** 🔗  
Issued: Jan 2025

**Applied Data Science with Python - Level 2 from IBM** 🔗  
Issued: Feb 2025

**Data Visualization with Python from IBM** 🔗  
Issued: Jan 2025

**Data Analysis with Python from IBM** 🔗  
Issued: Jan 2025

**Python for Data Science from IBM** 🔗  
Issued: Jan 2025

**Cloud Essentials from IBM**  
Issued: Feb 2025

## 🎓 EDUCATION

**BTech Computer Engineering**  
**Vishwakarma Institute of Technology (VIT)**  
08/2017 – 07/2021 | Pune, India

## 🧠 SKILLS

### Programming Language

Python, Java, HTML, CSS, C/C++.

### Databases

SQL, MySql, PostgreSQL, SQLite, MongoDB, Redis

### Back-End Technologies

RESTful API, Data Science, Machine Learning, Core Java, Data Analysis, Data Visualization, Postman, Data Structures, Tomcat, Maven, Microservices, Docker, Kubernetes, Genrative AI(Basics), Git, GitHub, Agile Methodologies, JSP, Jupyter Notebook.

### Frameworks & Libraries

Pandas, Numpy, Matplotlib, Scikit-Learn, Spring Framework, Spring Boot, Spring MVC, Flask, TensorFlow, Django, Django Rest-Framework, Hibernate, J2EE.

## 📁 PROJECTS

### Employee Management System 🔗 Using Spring Boot

- **Technology Stack:** Java, Spring Boot, Hibernate, RESTful API, J2EE, MySql, Postman, GitHub.
- Designed and implemented RESTful API for a scalable employee management applications can perform all CRUD operation.
- Developed search functionality to retrieve employee records.

### User Data Management System 🔗 Using Spring MVC

- **Technology Stack:** Java, Spring MVC, API, Hibernate, MySql, J2EE, HTML CSS, JSP, Postman, GitHub.
- Designed and implemented APIs for User management system application using Spring MVC to perform all CRUD operation.
- Developed a user-friendly interface using JSP and CSS for enhanced user interaction.

## COURSES

Java Full Stack Developer  
JSpiders  
Bengaluru, India

## INTERESTS

Driving, Badminton, Swimming, Cooking.

### Car Brand Price Prediction using Machine Learning

- **Technology Stack:** Python, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Jupyter.
- Developed a machine learning model to predict car prices based on various features such as brand, engine type, mileage, and other specifications.
- Collected and cleaned car brand data and Split data into **80% training and 30% testing** for model evaluation.

### Audience Rating Prediction using Machine Learning

- **Technology Stack:** Python, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, NLTK, Jupyter.
- Developed a machine learning model to predict audience ratings for movies/TV shows based on various features such as genre, cast, director, budget, runtime, and user reviews.
- Collected and processed movie/TV show rating datasets from sources like IMDb, Rotten Tomatoes, and Split data into **80% training and 20% testing** for model evaluation.

### Django-REST-Framework Company Employee Management-System

- **Technology Stack:** Python, Django Rest-Framework, VS Code, GitHub, SQLite.
- A Django REST Framework project to manage company and employee records with a one-to-many relationship (Company → Employees).
- It supports full CRUD operations, an admin panel for managing records, and search functionality by employee name. SQLite is used as the database.