

# Raj Sharma

B. Tech (Computer Science & Engineering)

Passionate Software Engineer | Python Full Stack Developer with 6+ Months of Hands-On Experience | Successfully Developed Multiple Applications.



rajsharma63820@gmail.com

9618113710

Vijayawada, india

linkedin.com/in/raj-sharma9989

github.com/raj63829

## WORK EXPERIENCE

### Software developer

E-Code Learning Software Services (ECLS)

09/2025 - Present

Achievements/Tasks

- Developing scalable web applications using **Django**, **JavaScript**, and **Bootstrap**.
- Enhancing code quality through **debugging**, **code reviews**, and **best practices** in version control (Git).

### SJ Soft Solutions

Python Full-Stack Developer

06/2024 - 08/2025

Hyderabad, India

Achievements

- Consistently supported the team by fixing bugs and implementing new features to enhance application functionality and user experience.
- Developed robust web applications using Python frameworks such as Django and Tkinter, ensuring scalability and responsiveness.

## CERTIFICATION

Complition of Data Analytics Workshop from Jobaaj Learnings.

12/2022

### Sound of Engineering aka Software Engineering.

A National level Technical Quiz series on Software Engineering conducted by Chirala Engineering College, held on (8/16/2020) with 80%.

## INNOVATIVE TECHNOLOGY

Three days Workshop on Raspberry Pi Interfacing with Python (Opencv, ML)

Participation for International conference by ICRTCSE.

11 & 12 -DEC-2022

## EDUCATION

B.Tech in Computer Science Engineering  
NRI Institute of Technology

2019 - 2023

Guntur, India

### Intermediate

Narayana Junior College

2017 - 2019

7.94 CGPA

### High School

Ravindra Bharathi High School

2016 - 2017

8.5 GPA

## SKILLS

JAVA

PYTHON

Basic on C

HTML

CSS

Django

Tkinter

Bootstrap

Prompt Engineering

Git/GitHub

## PROJECT

Optimizing Shared E-Scooter Operations under Demand Uncertainty. (A Django-based Framework Integrating Machine Learning and Optimization)

- Developed a **Django web app** to optimize shared e-scooter fleet relocation and demand forecasting using **ML models**.
- Built **admin dashboard** for dataset upload, model training (Logistic Regression, Random Forest, SVM, etc.), and performance visualization.
- Implemented **user dashboard** to forecast scooter demand by zones with **charts and interactive maps**.
- Integrated full **machine learning pipeline**: data preprocessing, training, evaluation (Accuracy, F1), and prediction.
- Tech Stack**: Django, Scikit-learn, Pandas, NumPy, Matplotlib, Chart.js, Bootstrap

Nushka – Natural Skincare Rituals (Django / Custom E-Commerce Platform)

- Designed and developed a **custom e-commerce website** for *Nushka*, a natural skincare brand offering 17 products.
- Implemented a **luxury, nature-inspired UI/UX** with brand-specific colors, typography, and imagery.
- Integrated **secure payment gateways** (UPI, wallets, cards, COD) and **wishlist, product filters, and ritual bundles**.
- Delivered **full admin control** for product and order management, along with SSL setup and hosting configuration.
- Tools & Tech: **Django, HTML, CSS, JavaScript, Bootstrap, Payment Gateway APIs, SSL, Hosting**

Sign Language Interpreter Using Deep Learning.

- Developed a deep learning model to interpret sign language gestures.
- Created test plans to validate model accuracy and performance.
- Used Python for scripting and automation.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Full Professional Proficiency

Khortha

Full Professional Proficiency

Maithili

Professional Working Proficiency

Bhojpuri

Professional Working Proficiency

## INTERESTS

Fitness and Outdoor Activities.

Travel and Cultural Exploration.

Plying Chess

Browsing Internet for learning new things.

Technologies related Computer and Mobiles