# OM SINGH

Mumbai, India.

📞 +91-9967186299 ✉ mandalor009@gmail.com

## SUMMARY

Data Scientist with hands-on experience in developing AI-powered applications for cybersecurity and building interactive dashboards with Python and Django. Demonstrated skills in integrating RESTful APIs and processing data for actionable insights. Adept at applying machine learning techniques and data visualization to solve real-world challenges while effectively communicating technical concepts to diverse audiences.

## EDUCATIONS

**PWSkills**                                                                                                                       **Sep 2025**
*Certification Course, Data Science*

**Vasantdada Patil College of Engineering - Mumbai, India**                                    **May 2025**
*Bachelor of Engineering, Artificial Intelligence And Data Science*

## EXPERIENCE

**ISec Pvt Ltd**                                                                                                                     **Present**
*AI Intern*                                                                                                                       *Mumbai, India*
- Developed an AI-powered cybersecurity solution that improved threat detection capabilities, aligning with machine learning applications.
- Integrated open-source tools such as Nmap and Nikto to enhance threat analysis and automation, supporting real-world problem solving.
- Collaborated with cross-functional teams to utilize RESTful APIs for smooth data exchange between components.

**Xircls 360 Pvt Ltd**                                                                                                            **Mar 2025**
*Python & Django Developer*                                                                                          *Mumbai, India*
- Enhanced Django-based applications for efficient data processing and performance, supporting data-driven decision-making initiatives.
- Implemented RESTful APIs and third-party services to facilitate client-facing data projects and ensure seamless data exchange.
- Analyzed and consolidated data from APIs and SQL databases to bolster decision-making and inform model development.
- Created interactive dashboards using Python-based tools to deliver clear data visualizations for both technical and non-technical audiences.

## PROJECTS

**AI-Powered Study Plan Generator**                                                                                  **Jul 2024**
*Gemini Technology*
- Developed an AI-driven study plan generator using Gemini technology to personalize study schedules, source relevant blogs, and curate YouTube content.
- Implemented RAG features for interactive learning, linking resources seamlessly, and enabling user interaction for doubts and tests.

**Resume to Video**                                                                                                             **May 2024**
*LLama 3 Technology*
- Created an application that transforms resumes into professional summary videos using LICA and Groq (LLama 3) APIs.
- Successfully deployed the application, demonstrating expertise in building user-friendly tools.

**Diet Recommendation App**                                                                              **Mar 2024 - Apr 2024**
*Gemini Technology*
- Developed a RAG system for personalized diet plans, enhancing user fitness goals.
- Utilized Gemini technology for tailored diet suggestions, contributing to user well-being.

## SKILLS

- **Programming Languages**: Python
- **Python Web App**: Django, Flask, Streamlit, APIs
- **Databases**: SQL (MySQL)
- **Data Analysis**: NumPy, Matplotlib, Seaborn, Data Visualization
- **Data Science**: scikit-learn, TensorFlow, MI, NLP, Machine Learning
- **Generative AI**: Langchain, Hugging Face
- **Other Tools**: Excel, PowerBI, Tableau, Pyspark, Enterprise Data Science Tools

## CERTIFICATIONS

- **Foundations of Data Science, Machine Learning, Deep Learning, Natural Language Processing, and Artificial Intelligence Certification**: Infosys Springboard
- **General AI with AWS Certification**: Udacity
- **Build 12+ project using Gemini (KrishNaik)**: Udemy