Ritikesh Shankar Machhewar

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PROFESSIONAL SUMMARY:

Proactive B.Tech graduate in AI & Data Science with strong skills in Python, Java, and machine learning. Experienced in developing software solutions, data analysis, and building real-world projects. Eager to contribute technical expertise and problem-solving abilities to a dynamic development team.

TECHNICAL SKILLS:

- **Programming Languages:** Python, Java, C++
- **Salesforce:** Admin, Apex Development, SOQL, Data Loader, Workbench
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Frameworks:** Django, Flask, React, React Native.
- **Database Management:** MySQL, MongoDB, SQL, DBMS
- **Version Control:** Git, GitHub
- **Testing Tools:** Selenium, JUnit
- **Development Tools:** Android Studio, Tableau, Power BI, VS Code, Excel
- **Cloud Platforms:** AWS (Basics)

SOFT SKILLS:

- Effective communication and teamwork
- Strong analytical and problem-solving abilities
- Adaptability and willingness to learn new technologies

ACADEMIC PROJECTS:

- **Customer Churn Prediction -** Built a machine learning model using Python and Pandas to predict customer churn based on transactional data. Improved prediction accuracy by X% (add your metric or estimate). Performed data preprocessing, feature engineering, and model evaluation.
- **Food Supply Chain Using Blockchain Technology -** Developed a Blockchain-based food supply chain management system to enhance traceability, transparency, and efficiency. Achieved a 20% increase in traceability accuracy, improving supply chain reliability.
- **Driver Drowsiness Detection -** Created a CNN-based driver drowsiness detection system in Python, attaining 99.7% accuracy. Enhanced model precision and optimized detection speed using advanced computer vision techniques.
- **Stock Price Prediction -** Developed a Python-based stock price prediction model leveraging machine learning techniques. Improved prediction accuracy significantly, enabling better trend forecasting.

SELF-MADE PROJECTS:

- **Java Projects:** Password Generator using Java, Online Survey System, Online Resume Builder, Electricity Billing System.
- **React Projects:** React Weather Application, React Chat Application.
- **Full Stack Projects:** To-do List Project, Portfolio Website, E-commerce Website/App.
- **Data Science Projects:** Fake News Detection Using Python, Detection of Road Lane Lines, Web Scraper.
- **Machine Learning Projects:** Music Recommendation System, Text Summarisation.

INTERNSHIP:

Data Science Intern – SparkLabIT Solutions *(Jan 2024 – Jun 2024)*

- Designed and implemented scalable software solutions using Python and SQL.
- Collaborated with cross-functional teams to ensure project deliverables met quality standards.
- Conducted debugging and performance optimization to enhance application efficiency.

Python-ML Intern – QSective Solutions *(Apr 2023 – Jun 2023)*
- Developed machine learning pipelines and integrated them into existing systems.
- Automated data processing tasks using Python scripts.

AWS Academy AI-ML Virtual Intern – Amazon Web Services *(Dec 2022 – Feb 2023)*
- Gained hands-on experience in deploying AI/ML models on cloud platforms.
- Enhanced application scalability and performance using cloud-based solutions.

CERTIFICATIONS:
- Salesforce Certified AI Specialist
- Salesforce Certified AI Associate
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional
- Oracle Cloud Infrastructure 2025 Certified Developer Professional
- NPTEL: Blockchain and Its Applications (Jan-Apr 2024)
- AWS Academy: AI-ML Virtual Internship
- IBM Cognitive Class: JavaScript Certification
- Infosys Springboard: AI with Python

EDUCATION:
Bachelor of Technology in AI & Data Science
Sharad Institute of Technology College of Engineering, Ichalkaranji, Maharashtra
Graduation: May 2024 | **CGPA: 7.44**

Diploma in Electronics & Telecommunication Engineering
Sharad Institute of Technology Polytechnic, Ichalkaranji, Maharashtra
Completion: May 2021 | **Percentage: 87.53%**

ACHIEVEMENT:
- Winner in WebX Event.
- Won 1st Prize in event Junkyard.
- Won 1st Prize in Tech Feast.
- Worked as a Co-Ordinator in the Paper Presentation Event.
- Completed internship in Machine Learning Technology at QSective Solutions.
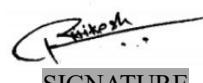- Completed internship in Python Technology at QSective Solutions.

STRENGTHS:
- **Effective Communication** – Strong client-facing and business communication skills.
- **Problem-Solving** – Skilled at analyzing requirements and resolving complex issues quickly.
- **Adaptability** – Quick to learn new technologies and adjust in dynamic environments.
- **Team Collaboration** – Collaborative team player with a positive and proactive attitude.
- **Detail-Oriented** – Self-starter with strong attention to detail and quality delivery.

DECLARATION:

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date:

Current Address: Hyderabad, Telangana, India (500081).

SIGNATURE

(Ritikesh Shankar Machhewar)