

ARYAN SONI

Saharanpur, Uttar Pradesh

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SKILLS

Python, C++, React.js, Node.js, Tailwind CSS, MySQL, MongoDB, AWS, Git/GitHub, PyTorch, OpenCV, TensorFlow, OCI.

WORK EXPERIENCE

Enerquest

July 2025 – September 2025

Software Developer Intern

Hybrid

- **Developed and maintained** software components using modern web technologies, enhancing application responsiveness by 25%.
- **Implemented** Gen AI Chatbot for user support, reducing response time by 40% and improving customer satisfaction.
- **Integrated** front-end and back-end systems for optimal performance across various company projects.

Rex Industries

Nov 2023 – Jan 2024

Software Developer Intern

Remote

- **Integrated** robotics software modules using Robot Operating System (ROS), improving communication latency by 15%.
- **Optimized** workflows using SQL and Python, reducing data retrieval time by 30% and enhancing network performance by 25%.
- **Designed** AI/ML algorithms increasing automation efficiency by 40% and system scalability by 3x.

PROJECTS

TrustWave AI | Python, TensorFlow, PyTorch, OpenCV, scikit-learn

- Spearheaded the integration of ResNeXt and LSTM networks within the deepfake detection system, reducing false positives by 15% and accelerating processing time by 200 milliseconds per video.
- Planned and deployed scalable AI models using Python, TensorFlow, Keras, and scikit-learn, optimizing performance with hyperparameter tuning and evaluation metrics (ROC-AUC, F1).
- **Role: Machine Learning Engineer**

Hast-Akshar | Python, TensorFlow, OpenCV, FastAPI

- Pioneered Hast-Akshar, a real-time Devanagari sign language interpretation system utilizing custom CNN models and computer vision techniques, achieving 95% accuracy in gesture classification.
- Engineered a gesture recognition pipeline using PyTorch and OpenCV, incorporating custom data pre-processing and augmentation techniques.
- **Role: Machine Learning & Computer Vision Engineer**

ACHIEVEMENTS & CONTRIBUTIONS

Achievements: Ranked top 3% out of 150,000+ participants worldwide in Kaggle ML Challenge, Secured finalist position among top 50 teams from 1500+ registered teams in machine learning competition.

Open-source: Hacktoberfest'24 (5+ PR Merged), Social Winter of Code'25, GSSoC'24 contributor.

Leadership: President - VIT Bhopal Eureka Club, Technical Lead - IoT Club, Social Media Lead - Null Chapter.

CERTIFICATIONS

OCI 2025 Certified AI Foundations Associate - Oracle

September 2025

Oracle Cloud Infrastructure 2025 Certified Data Science Professional - Oracle

July 2025

OCI Generative AI Professional - Oracle

July 2024

Oracle Cloud Infrastructure Foundation Associate - Oracle

April 2024

EDUCATION

Vellore Institute of Technology, Bhopal

September 2022 – Ongoing

B.Tech in Computer Science and Engineering

CGPA: 8.01/10

Central Board of Secondary Education

May 2022

Senior Secondary Education

Percentage: 82%

Central Board of Secondary Education

May 2020

Secondary Education

Percentage: 80%