HIMANSHU KISHOR SALUNKE

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PROFESSIONAL SUMMARY

Detail-oriented Data Science graduate with a strong foundation in Gen AI, deep learning, and computer vision. Proven ability to build and deploy full-stack AI applications, including a stock prediction platform (85% accuracy) and a real-time human height measurement system. Currently applying these skills through active freelance projects while seeking a challenging full-time opportunity.

EDUCATION

R. C. Patel Institute of Technology, An Autonomous Institute　　　　　**December 2021 – June 2024**
Bachelor of Technology in Data Science **CGPA: 7.39/10**　　　　　*Shirpur, Maharashtra*
R. C. Patel Polytechnic　　　　　**August 2017 – May 2021**
Diploma in Computer Science **Percent: 89.09**　　　　　*Shirpur, Maharashtra*

PROJECTS

IntelliStock Pro - AI Powered Stock Prediction Analytics | *React, FastAPI, ensemble models* | Link　　　　**October 2025**
- Built a stock-price prediction system using a six-model ensemble trained on 2.5M+ historical records, achieved **85%** accuracy on the test set.
- Developed a FastAPI backend and React dashboard to run daily forecasts and let users simulate portfolio scenarios.
- Added a news-sentiment feed and simple risk metrics so users can see flagged events and estimated downside exposure.

Real-Time Human Height Measurement | *MediaPipe, Kalman filter, FastAPI, React* | Link　　　　**September 2025**
- Implemented a real-time height measurement tool using MediaPipe landmarks and a Kalman filter, typical accuracy is **±2 cm** under normal conditions.
- Built a FastAPI service with GPU support to process video at **30 FPS** with end-to-end latency under **100 ms**.
- Created a React interface with auto-calibration and step-by-step guidance to improve measurement consistency for different camera setups.

AWS-Powered YouTube Data Analytics Pipeline | *AWS Glue, Lambda, Athena, QuickSight* | Link　　　　**December 2024**
- Built an ETL pipeline using AWS Glue and Lambda to collect, clean, and store channel data in S3 for query with Athena.
- Optimized transforms and queries to reduce data processing time by **30%** versus the initial prototype.
- Created a QuickSight dashboard to visualize views, watch time, and engagement trends for content decisions and reporting.

TECHNICAL SKILLS

Area of Focus: Computer Vision, Image Processing, Machine Learning, Deep Learning, Data Analysis
Languages: Python, SQL, Java, C, C++, HTML, CSS
Developer Tools: Tableau, PowerBI, IBM Watson Studio, Docker, Linux, Jira, Slack, Vercel
Technologies / Frameworks: React, AWS (S3, Glue, Lambda, Athena), QuickSight, Flask, TensorFlow, PyTorch, Keras, YOLO, scikit-learn, Networking

CREDENTIALS

- **DataCamp Certified: Associate Data Analyst** | Link　　　　**May 2024**
- **DataCamp Certified: Associate Data Engineer** | Link　　　　**May 2024**
- **Google Business Intelligence Certification** | Link　　　　**April 2024**
- **Google Data Analytics Certification** | Link　　　　**February 2024**
- **Data Scientist Professional Certificate** | Link　　　　**October 2023**

LEADERSHIP & ACHIEVEMENTS

- Completed the **Deloitte Australia Data Analytics Job Simulation** on Forage (**July 2025**), covering data analysis, Tableau dashboarding, and Excel for business insights.
- Organized and led an internal hackathon for the Smart India Hackathon - 2023, managing 85 teams.
- Achieved Grand Finalist status at SUNHACKS - 2022 (International Hackathon), as part of one of the top 15 teams.
- Reached the Grand Finals of the Smart India Hackathon - 2022 (National level) from a pool of 50 competing teams.