

# HIMANSHU KISHOR SALUNKE

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## PROFESSIONAL SUMMARY

Engineering-centric Data Science graduate focused on architecting scalable AI solutions and production-grade pipelines. Dedicated to delivering robust, client-ready technology that bridges complex modeling with operational efficiency.

## TECHNICAL SKILLS

- Area of Focus:** Computer Vision, Image Processing, Machine Learning, Deep Learning, Data Analysis, LLM, GenAI
- Languages:** Python, SQL, Java, C, C++, HTML, CSS
- Developer Tools:** Tableau, PowerBI, Microsoft Fabric, 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
- Behavioral Skills:** Leadership, Effective Communication, Team Collaboration, Problem-Solving, Agility

## PROJECTS

### IntelliStock Pro - AI Powered Stock Prediction Analytics | *React, FastAPI, Ensemble Models* | [GitHub](#)

- Built a stock-price prediction system using a six-model ensemble trained on 2.5M+ historical records, achieving 85% accuracy on the test set.
- Developed a FastAPI backend and React dashboard to run daily forecasts and allow users to simulate portfolio scenarios.
- Added a news-sentiment feed and risk metrics to flag events and estimate downside exposure.

### Real-Time Human Height Measurement | *MediaPipe, Kalman Filter, FastAPI, React* | [GitHub](#)

- Implemented a real-time height measurement system using MediaPipe landmarks and a Kalman filter with ±2 cm typical accuracy.
- Built a GPU-enabled FastAPI service processing video at 30 FPS with end-to-end latency under 100 ms.
- Designed a React interface with auto-calibration and guided setup to ensure measurement consistency.

### AWS-Powered YouTube Data Analytics Pipeline | *AWS Glue, Lambda, Athena, QuickSight* | [GitHub](#)

- Built a scalable ETL pipeline using AWS Glue and Lambda to ingest, clean, and store YouTube data in S3 for Athena querying.
- Optimized transformations and queries, reducing processing time by 30%.
- Created QuickSight dashboards to visualize views, watch time, and engagement trends for data-driven decisions.

## CREDENTIALS

<b>DataCamp Certified: Associate Data Analyst</b>	<a href="#">Link</a>	May 2024
<b>DataCamp Certified: Associate Data Engineer</b>	<a href="#">Link</a>	May 2024
<b>Google Business Intelligence Certification</b>	<a href="#">Link</a>	April 2024
<b>Google Data Analytics Certification</b>	<a href="#">Link</a>	February 2024
<b>Data Scientist Professional Certificate</b>	<a href="#">Link</a>	October 2023

## EDUCATION

### R. C. Patel Institute of Technology, An Autonomous Institute

Bachelor of Technology in Data Science CGPA: 7.39/10

December 2021 – June 2024

Shirpur, Maharashtra

### R. C. Patel Polytechnic

Diploma in Computer Science Percent: 89.09%

August 2017 – May 2021

Shirpur, Maharashtra

## 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.