

# HIMANSHU KISHOR SALUNKE

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[LinkedIn](#)

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[Portfolio](#)

## EDUCATION

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

*Bachelor of Technology in Data Science CGPA: 7.17*

Shirpur, India

Dec 2021 - Jun 2024

**R. C. Patel Polytechnic**

*Diploma in Computer Science CGPA: 9.4*

Shirpur, India

Aug 2017 - May 2021

## PROJECTS

**Moving Vehicle Registration Plate Detection** | [Link](#)

Python, Pandas, YOLOv7

- Developed a **Deep Learning** solution for Moving Vehicle Plate Detection tailored for **Coal India Limited** needs.
- Utilized **YOLOv7** architecture for precise Moving Vehicle Plate Detection, ensuring accurate text identification.
- Achieved an impressive **precision rate of 98%**, enhancing safety and operational efficiency in **mining operations**.

**Uplifting Happiness Index** | [Link](#)

Python, Pandas, NLTK

- Created an innovative solution for Uplifting Happiness Index Detection, emphasizing facial and speech analysis.
- Utilized facial analysis, speech recognition, and **NLTK** techniques to enhance precision in well-being assessment.
- Achieved a model accuracy of **70.13%**, showcasing the effectiveness of facial analysis and speech recognition components.

**Sentiment Analysis using Bert** | [Link](#)

Python, Deep Learning, Pandas

- Trained BERT sentiment analysis for 10 epochs, fine-tuning using **AdamW optimizer** and a linear warmup schedule.
- Attained **90% accuracy** and **0.82 F1 score** on Smile Twitter Dataset, enhancing sentiment analysis precision.
- Enhanced model accuracy by **20%**, analyzed validation data for improved sentiment classification insights.

## TECHNICAL SKILLS

- Expertise:** Machine Learning, Deep Learning, NLP, GAN, Data Science, Data Analysis, Computer Vision, Image processing, Statistics, Financial Analysis, Microsoft Excel, Business Intelligence, Big Data, Data Warehousing, Data Modeling, Web Development, Software Development, App Development
- Languages:** Python, Scala, Java, C, C++, HTML, CSS, JavaScript, SQL, Kotlin
- Developer Tools:** Tableau, PowerBI, Eclipse, Anaconda, Android Studio, NetBeans, Latex
- Technologies:** Linux, GitLab, Google Cloud, AWS Cloud, Jenkins, GitHub, MongoDB, Docker, Hive, Elasticsearch, Kafka, Hadoop, Kubernetes
- Frameworks:** Flask, Tensorflow, PyTorch, Keras, YOLO

## CREDENTIALS

- Google Business Intelligence Certificate** | [Link](#) April - 2024
- Associate Data Engineer in SQL Certificate** | [Link](#) Mar - 2024
- Google Data Analytics Certificate** | [Link](#) Feb - 2024
- Data Scientist Professional Certificate** | [Link](#) Oct - 2023

## LEADERSHIP AND ACTIVITIES

- Addressed diverse challenges of **50+ clients** until now through personalized online consultations on **Topmate**.
- Executed **10+** freelance projects in IoT and software domains, specializing in ML and DL applications, formulated predictive maintenance models that reduced machine downtime by **25%** and saved **15k** annually.
- Led and coordinated** an Internal Hackathon for **Smart India Hackathon - 2023**, overseeing **85 teams**, fostering innovation, and promoting collaboration among participants for impactful solutions.
- Spearheaded a cross-functional effort at **SUNHACKS - 2022**, a prestigious International Level Hackathon conducted at Sandip University, secured **Grand Finalist** recognition among **15 elite teams**, showcasing exceptional teamwork and technical acumen.
- Distinguished participation in the **Smart India Hackathon - 2022**, securing **Grand Finalist** status at the **National level**, among **50 competing teams**.