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EDUCATION

R. C. Patel Institute of Technology, An Autonomous Institute — Shirpur, India
Bachelor of Technology in Data Science **CGPA: 7.17** — **December 2021 - June 2024**

R. C. Patel Polytechnic — Shirpur, India
Diploma in Computer Science **CGPA: 9.4** — **August 2017 - May 2021**

TECHNICAL SKILLS

- **Area of Focus**: Machine Learning, Deep Learning, Data Analysis, Microsoft Excel
- **Languages**: Python, SQL, Java, Scala, C, C++, HTML, CSS
- **Developer Tools**: Tableau, PowerBI
- **Technologies**: Linux, QuickSight, Amazon Athena, AWS GLue, AWS Lambda, Amazon S3, Docker
- **Frameworks**: Flask, Tensorflow, PyTorch, Keras, YOLO, scikit-learn

PROJECTS

YouTube Data Analysis | [Link] — **April 24 - May 2024**
- Utilized **AWS services** for scalable YouTube data analysis, enhancing insights with centralized data management.
- Implemented ETL pipeline leveraging AWS Glue, Lambda, & Athena, boosting data transformation speed by 30%.
- Developed **QuickSight** dashboard for YouTube analytics, enhancing visualization and insights comprehensively.

Sentiment Analysis using Bert | [Link] — **November 23 - January 2024**
- Trained BERT sentiment analysis for 10 - epochs, fine-tuning using AdamW optimizer and a linear warmup schedule.
- Attained **90%** 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.

Uplifting Happiness Index | [Link] — **September 22 - November 2022**
- Created an innovative solution for uplifting the Happiness Index with the team at SunHacks Hackathon - 2022.
- 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.

Moving Vehicle Registration Plate Detection | [Link] — **January 22 - August 2022**
- Developed a Deep Learning model for Vehicle Number Plate Detection with the team at Smart India Hackathon - 2022.
- 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.**

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 AND ACHIEVEMENTS

- 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.