shanis k

mankada, malappuram, kerala

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Education

Kerala Technical University	Sep. 2022 – june 2026
Bachelor of Science in Computer Science	malappuram, kerala

Relevant Coursework

- Data Structures
- Data analytics
- Python Development
- Database Management
- Artificial Intelligence
- Machine Learning
- Excel
- Data Science

Experience

Entry Elewate — September 2024
Python For Datascience Intern — online
- Developed Python scripts to automate tasks and enhance workflow efficiency. Collaborated with team on data cleaning features, ensuring reliable data for analysis. Conducted testing and debugging to maintain software reliability

Google Advanced Data Analytics Professional Certificate — oct 2024 – jan 2025
Issued by Google via Coursera — online
- Gained hands-on experience in advanced data analysis techniques, including predictive modeling, regression analysis, and machine learning
- Developed and presented dynamic data visualizations using tools like Tableau to communicate insights effectively
- Completed real-world projects, such as building a regression model to estimate NYC taxi fares and analyzing U.S. lightning strike patterns for actionable insights.
- Demonstrated expertise in solving complex business problems through hypothesis testing, statistical analysis, and advanced visualization techniques..

Projects

Covid-19 Prediction | Python,fbprophet — october 2024
- Built a time-series forecasting model using Python and Facebook's Prophet library to predict COVID-19 case trends.
- Preprocessed and cleaned large datasets to ensure accuracy and reliability in model training.
- Conducted exploratory data analysis (EDA) to uncover patterns and trends in historical COVID-19 data
- Developed interactive visualizations to present prediction results and key insights effectively

Time Series Forecasting with LSTM | Python,TensorFlow/Keras — December 2024
- Designed and implemented a Long Short-Term Memory (LSTM) model for accurate time series forecasting.
- Utilized Python and TensorFlow/Keras to develop, train, and fine-tune the deep learning model.Preprocessed sequential data, including normalization and lag feature engineering, to enhance model performance
- Visualized forecasted trends with interactive plots, enabling actionable insights for real-world decision-making

Deepfake Detection | Python,OpenCv, MTCNN — December 2024
- Designed and implemented a deep learning model to detect deepfake videos with high accuracy
- Processed large datasets, including video frames extraction and augmentation, to train the detection model
- Delivered a scalable and efficient solution to enhance trust in digital media

Technical Skills

Languages : Python, C, SQL, R
Developer Tools : VS Code,Jupyter Notebook, PyCharm, MySQL Workbench, Tableau
Technologies/Framework : Linux, GitHub, Machine Learning, Artificial Intelligence, Data Science

Leadership / Extracurricular

- Successfully led project teams to complete data analytics and machine learning initiatives within tight deadlines.
- Demonstrated decision-making skills by defining project objectives, prioritizing tasks, and ensuring alignment with goals
- Hackathon Participant: Competed in university and online hackathons, showcasing problem-solving and teamwork skills in data-driven challenges
- Tech Community Member: Actively engaged in online forums and meetups focused on machine learning, AI, and data analytics.