JAYASURYA P

|+91 6380372823 | E-mail | LinkedIn | GitHub | Portfolio | Chennai, In

Data Scientist with expertise in Generative AI, NLP, Deep Learning, and Analytics. Skilled in building end-to-end pipelines, data engineering, and leveraging AI/ML for strategic decision-making.

ST. JOSEPH'S COLLEGE OF ENGINEERING   Chennai, India
Bachelor of Technology in Artificial Intelligence and Machine Learning   Expected May 2025
Coursework: Deep learning, Statistical Methods, Machine Learning Ops, Data Visualization, Cloud Computing…

CGPA: 9.02/10.0

HINDUSTAN ELECTRONICS ACADEMY   Bangalore, India
Diploma in Aeronautical Engineering   Jul 2017 - May 2020
Coursework: Aircraft Structures, Aerodynamics, Propulsion Systems, Flight Mechanics....
Percentage:80/100

WORK EXPERIENCE
Data Science Intern (Remote)   Jul 2023 - Aug 2024
- Automated web scraping using **Python** and **Beautiful Soup** for structured data collection.
- Designed ETL workflows for data cleaning and preparation using **Python**.
- Built interactive dashboards in **Power BI** for visualizing key metrics and trends.
- Developed basic predictive models with **TensorFlow** for trend analysis

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PROJECTS
Cloud-Based Data Pipeline for YouTube Analytics
Developed a secure ETL pipeline on AWS to process and analyse YouTube video data from Kaggle's daily trending dataset. Focused on video categories, views, likes, and comments, delivering real-time analytics and insights for business decisions. **Languages**: SQL, Python. **AWS Services**: S3, Glue, Lambda, Athena, Quick Sight, IAM
LSTM for Bitcoin Price Prediction
Developed an LSTM-based model to predict Bitcoin prices using historical data. The model utilized time-series data to forecast future trends and price movements, providing actionable insights for traders.
Languages: Python, SQL. **Frameworks**: TensorFlow, Keras, Pandas, NumPy

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SKILLS | TECHNOLOGIES
Generative AI: OpenAI & Anthropic APIs, Few-shot & Chain-of-Thought prompting, LLM evaluation, hugging face
Data Engineering: MySQL, MongoDB
Data Science & Machine Learning: Pandas, NumPy, Scikit-Learn, Stats models, Spacy 3, TensorFlow, Pytorch
Data Visualisation: Power BI, tableau, Microsoft Excel
Deployment: Fast API, CI/CD - GitHub Actions
AWS Stack: Sage Maker, S3, EC2, Lambda, SQS, Elastic Beanstalk,
Web: HTML, CSS, JavaScript, Django

ACHIEVEMENTS
Academic Excellence with a CGPA above 9.0, awarded ₹20,000 cash prize.
Finalist at the National-level Smart India Hackathon, rewarded with ₹5,000 cash prize.

Certifications and Licenses
Machine Learning & Deep Learning in Python & R — Udemy