Marlakunta Kedhareswer Naidu

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Skills Summary

- **Languages:** Python, Html, CSS, Sql
- **Tools/Platforms:** MySQL, Tableau, Power BI
- **Soft Skills:** Leadership, Team Player, Communication, Adaptability
- **AI Tools:** Vercel, Lovable, Cursor, Trea, Firebase Studio, Windsurf, ChatGpt, Claude

Experience

- **Outlier.AI, Data Annotation, Soul.AI**   November 2024 - January 2025
  AI Evaluator, AI Trainer - Individual Contractor
  - Contributed to the training and improvement of generative AI models by evaluating mathematical content.
  - Assessed the factuality, relevance, and quality of AI-generated text within the mathematics domain.
  - Crafted and answered subject-specific questions to enhance the accuracy of AI outputs.
  - Evaluate and rank AI-generated responses to ensure consistency and precision.
- **The Forage**   December 2024 - January 2025
  AWS APAC Solutions Architecture Virtual Experience
  - Designed a simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
  - Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.
- **PSYLIQ**   January 2024 - February 2024
  Data Analyst Intern
  - Worked on Employees HR Data- cleaned, stored and gathered insightful information made compelling visualizations using MySql ,Python and Power BI.
  - Developed data visualizations using Power BI to interpret complex datasets, enhancing decision-making processes and improving data comprehension by 25% within a month internship period.

Projects

- **Image to Sketch using Deep Neural Network and ML**   September 2024 - February 2025
  https://github.com/Kedhareswer/MLGeneFunction, https://image-to-sketch-wine.vercel.app/
  - Developed a deep learning model using the CUHK Face Sketch Database, achieving an 85% quality enhancement through a CNN in TensorFlow.
  - Integrated GANs and Autoencoders for 90% accuracy, maintaining details via Residual Blocks and Batch Normalization.
  - Used transfer learning and adaptive optimization to improve processing speed by 30%. This model advances AI-driven artistic rendering, with applications in creative AI, digital illustration, and image processing.
- **Predictive Maintenance with Machine Learning**   December 2024 - January 2025
  https://github.com/Kedhareswer/ML_Notebook, https://ml-notebook.vercel.app/
  - Developed an interactive machine learning education platform that integrates structured learning paths, engaging demonstrations, and real-time parameter adjustments to enhance user engagement.
  - Introduced dynamic model comparison and visualization features, allowing learners to evaluate different machine learning techniques side by side while modifying parameters.
  - Created a scalable front-end using Next.js, React, and Tailwind CSS, significantly improving performance and user experience for a seamless interactive learning journey.

Certifications

- AWS APAC - Solutions Architecture Job Simulation **by Forage**   December 2024
- RF Skilling Academy Certified Data Science Essentials **by RF Skilling Academy**   December 2024
- Google Certified Introduction to Responsible AI   November 2024

Education

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering.
  Data Science (AI & ML); **CGPA: 7.55**   since September 2021
- **Sri Siddhartha Junior College**   Madanapalli, India
  Intermediate; **Marks: 889**   July 2019 - Jun 2021
- **Vijaya Bharathi English Medium High School**   Madanapalli, India
  Matriculation; **GPA:9.5**   June 2018 - March 2019