CHENNA KESAVA REDDY

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https://github.com/KesavaAI

SUMMARY

Enthusiastic B.Tech graduate specializing in Artificial Intelligence, with a rich background in Machine Learning and Data science. Proficient in Python, Java, Machine Learning AI frameworks like TensorFlow and PyTorch, and SQL for data management and AWS. Skilled in Agile methodology and tools like GitHub. Strong interpersonal and communication abilities, demonstrated through collaboration on innovative AI projects. Continuously updated on advancements in AI. Excited to contribute to your team's AI initiatives, integrating state-of-the-art solutions from prototyping to production.

SKILLS

Python | **Java** | **SQL** | **HTML & CSS** | **MongoDB** | **AWS**

Machine Learning | **PyTorch** | **Pandas** | **Keras** | **TensorFlow**

Scikit-learn | **CNN & RNN**

Creativity | **Leadership** | **Teamwork** | **Problem Solving**

Adaptability | **Continuous learning** | **Business Acumen**

INTERNSHIPS

AWS Cloud Computing Intern (Virtual)

SkillVertex

11/2023 - 04/2024

- Developed and optimized AWS infrastructure leveraging EC2, S3, Sagemaker and CloudFormation, demonstrating proficiency in cloud computing architecture and resource management.
  Executed data management tasks including ingestion, storage, and retrieval using AWS services like S3 and Glacier, ensuring data integrity and accessibility.
  Contributed to the implementation of cloud-based solutions for various projects, collaborating with teams to enhance system performance and reliability.

BCG Data Science & GenAI Job Simulation

Forage

02/2024 - 04/2024

- Completed simulations involving AI-powered financial chatbot development and customer churn analysis, showcasing advanced data science and AI skills.
- Gained experience in Python programming, including the use of libraries such as Pandas and NumPy, and employed data visualization techniques to interpret trends.
- Engineered and optimized a random forest model, achieving an 85% accuracy rate in predicting customer churn, and integrated complex financial data to create a user-friendly financial insights chatbot.

AI-ML Engineer Intern (Virtual)

AWS Academy under AICTE

09/2022 - 11/2022

- Developed and deployed AI/ML models on AWS infrastructure, utilizing services such as SageMaker and EC2, showcasing proficiency in cloud-based machine learning solutions.
- Implemented and optimized machine learning algorithms leveraging AWS ML services and frameworks like TensorFlow and PyTorch, contributing to enhanced model performance and scalability.
- Collaborated on the integration of AI/ML solutions into AWS workflows, assisting in model deployment and optimization for analytics and computer vision tasks, ensuring efficient utilization of cloud resources.

EDUCATION

B.Tech in Artificial Intelligence

Gates Institute of Technology

2020 - 2024

GPA **8.9** / 10

Intermediate Education

Vani Junior College

2018 - 2020

GPA **9.9** / 10

Secondary School Certificate

A.P. Model School

2017 - 2018

GPA **9.3** / 10

PROJECTS

ARAT AI-GPT: AI-Powered Multimedia Summarization and Generation Application

03/2024 - Present

https://arat-ai-gpt.streamlit.app/

- Implemented diverse AI functionalities: Developed features for YouTube video summarization, image-based Q&A, text-to-image generation, chat conversion printing to PDF, and interface screencast recording.
- Enhanced user interaction and accessibility: Designed a user-friendly interface with Streamlit, offering seamless navigation and intuitive controls for effortless interaction.
- Ensured data integrity and security: Implemented robust data handling mechanisms to prevent data loss and ensure user privacy, enhancing the application's reliability and trustworthiness.

Lung Disease Recognition Method Using Audio-Based Analysis with Machine Learning

01/2024 - 03/2024

- Developed an innovative lung disease recognition method utilizing Convolutional Neural Network (CNN) with Self-Improved Optimization.
- Utilized large-scale respiratory sound datasets to train machine learning models, enabling early detection of ailments like asthma and improving patient care outcomes.
- Enhanced algorithmic efficiency, resulting in a significant decrease in false positives/negatives and fortifying the dependability of lung disease recognition methodologies.

CERTIFICATIONS

Data Science & Gen AI Job Simulation - BCG

Software Engineering Essentials - IBM

Building Intelligent Chatbots on AWS - LinkedIn

AWS Machine Learning - AWS Academy