GUNASREE R

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Summary

Data-driven Artificial Intelligence and Machine Learning enthusiast with hands-on experience in developing predictive models, recommendation engines, and time-series analysis using Python, TensorFlow, PyTorch, and scikit-learn. Adept at applying deep learning, NLP, and data science techniques to solve complex real-world problems. Eager to leverage industry insights gained through internships to contribute to innovative AI projects and data-driven decision-making.

Achievements

- **Certified in AI/ML**: Completed Machine Learning, Deep Learning, and Python certifications through Naan Mudhalvan and Udemy (2024).
- **Hackathon Excellence**: Participated in VISAI Hackathon 2024, receiving mentorship from Ashok Leyland, where my team developed an AI-driven solution for predictive maintenance.
- **International Exposure**: Engaged in a 4-month mobility program at INTI, Malaysia, focusing on data science techniques to real-world projects.
- **AI Certification**: Achieved a Generative AI certification from Google Cloud through Simplilearn (2024).
- **Leadership Role**: Led the Rotaract Club as Community Service Director, coordinating tech-driven initiatives to solve local challenges using AI.

Education

Knowledge Institute of Technology, B. Tech in Artificial Intelligence and Data Science May 2022 – May 2026

- CGPA: 8.06/10.0
- **Coursework:** Data Structures, Python, Database Management, Operating Systems

Experience

Data Analyst, Ausweg Info Control Pvt Ltd., Aug 2024– Dec 2024

- Developed MQTT-based solutions for machine health and production monitoring using Python.
- Enhanced IIoT systems through real-time data communication and self-guided learning.
- Gained hands-on experience and industry insights by working on-site three days a week.
- Recognized for performance with opportunities for future employment.

Data Scientist Intern, Indintern Feb 2024

- Analyzed Netflix subscription data, leveraging Python to explore and manipulate a dataset of 100+ movies.
- Extracted insights from entertainment industry data, achieving an 80
- Utilized Python for data manipulation, strengthening proficiency to 98

Machine Learning Intern, Corizo Pvt Ltd., Bangalore June 2023 – June 2023

- Analyzed machine learning techniques (e.g., RNNs, LSTMs) to build models for stock price prediction and wine quality classification with two different datasets.
- Achieved 99
- Learned and implemented ML libraries like TensorFlow and scikit-learn, enhancing technical knowledge and reducing bounce rate by 20

Digital Marketing Intern, Corizo Pvt Ltd., Bangalore May 2023 – June 2023

- Executed a strategic enrollment overhaul, exceeding targets by 20
- Leveraged marketing analytics to optimize campaigns, increasing lead generation by 10
- Successfully organized and promoted webinars, increasing attendance by 30

Projects

3D Reverse Engineering Model Development Jan 2024 – Jun 2024

- Developed a 3D reverse engineering model, focusing on converting 2D data into a 3D model.
- Implemented advanced techniques for accurate modeling and visualization.
- Toos Used: Python, Blender, Colab

Movie Recommendation Engine Feb 2024

- Created a movie recommendation engine using collaborative filtering techniques.
- Enhanced user experience by providing personalized movie recommendations based on user preferences.
- Tools Used: Python, Scikit-learn, TensorFlow, Pandas

Titanic Survival Prediction Dec 2023

- Developed a machine learning model to predict survival rates of passengers on the Titanic.
- Utilized classification algorithms and data preprocessing techniques for accurate predictions.
- Tools Used: Python, Scikit-learn

Wine Quality Analysis Aug 2023

- Analyzed wine quality data to build a predictive model for wine quality assessment.
- Applied data cleaning, feature engineering, and model evaluation techniques.
- Tools Used: Python, Pandas, Scikit-learn

Stock Analysis Prediction Jul 2023

- Developed a model to predict stock prices using historical data and machine learning algorithms.
- Focused on time-series analysis and model tuning for better accuracy.
- Tools Used: Python, TensorFlow

Technologies

Languages: Python (including TensorFlow, PyTorch, scikit-learn), C, Java, ASP.NET (Razor Pages), MySQL

Software: Visual Studio, GitHub, Git, Power BI, Jupyter Notebook, Google Colab, Google Analytics, Pentaho

Technical Skills: Deep Learning, Natural Language Processing, Computer Vision, Artificial Intelligence, Machine Learning, Data Science, ELK, Data Visualization, Data Warehousing, Multi-dimensional Modeling, Statistics Analysis and Probability, ETL, Web Development (WordPress, HTML/CSS, JavaScript), Predictive Modeling, Social, Web & Mobile Analytics

Soft Skills: Communication (Community Service Director, KIOT Rotaract Club), Presentation Skills (Spoke at VISAI Hackathon 2024)