JAYABHARATHI HARI

Machine Learning Engineer

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PROFESSIONAL SUMMARY

Accomplished Software Engineer with **9 years** of diverse experience in the Software Industry. Demonstrated **leadership as Lead Program Analyst for 2 years** and specialized in **PL/SQL and Oracle Forms development for 6.6 years**. Currently advancing skills with a Master's in Data Science, with practical application in **AI-ML through Academic Projects**.

AI & ML PROJECTS PORTFOLIO

🏆 Machine learning   🏆 Computer Vision   🏆 Deep Neural Networks

EXPERIENCE

LEAD PROGRAM ANALYST
Aetins KGiSL Ltd, India

📅 06/2021 - 06/2023   📍 Hyderabad, India

- **Led a team of 11 developers** to design, implement, and optimize PL/SQL & Oracle Forms solutions, aligning with business needs and improving system performance.
- Provided technical expertise to management and guidance on PL/SQL best practices, coding standards, and performance tuning techniques through thorough code reviews and evaluations.
- Collaborated with cross-functional teams and clients to ensure timely delivery of new projects, resolution of production issues, handling change requests, and smooth deployment according to agreed-upon turnaround times (TAT).

SENIOR SOFTWARE ENGINEER
Aetins KGiSL Ltd, India

📅 07/2019 - 06/2021   📍 Hyderabad, India

- Deployed PL/SQL & Oracle Forms systems on-site in Dubai & Sri Lanka.
- Led Data Migration Projects.
- Proficiently solved numerous critical production issues.
- Successfully delivered robust new projects and handled change request projects.

PL/SQL DEVELOPER
Access Healthcare Ltd, India

📅 10/2016 - 03/2019   📍 Chennai, India

- Experienced in providing 24/7 production support.
- Delivered multiple data patch fixes successfully.
- Created Oracle Tables, Views, Constraints, Synonyms, Sequences, Materialized Views, Triggers for validation, procedures, packages, and functions.
- Implemented performance tuning of SQL queries to enhance the data conversion process.

JUNIOR SQL DEVELOPER
AGS Healthcare Ltd, India

📅 10/2014 - 03/2016   📍 Chennai, India

- Maintain and manage portfolios of key client data using Excel and Oracle databases.
- Collaborate with clients to ensure accurate information and documentation as per Business Standards.
- Implement and maintain internal data management standards for projects, ensuring compliance with laws like HIPAA.
- Collaborate with teams to automate various business processes, improving revenue.

JUNIOR CONSULTANT
Sutherland Ltd, India

📅 01/2014 - 10/2014   📍 Chennai, India

- Engaged directly with clients for client relationship management.
- Collaborated with team to create dashboards, pulling data from various sources and presenting to management.

EDUCATION

Master of Data Science
Deakin University
📅 2022 - ongoing

PGP Artificial Intelligence & Machine Learning
University of Texas at Austin
📅 10/2019 – 09/2021
GPA - 3.6 (Top 1% in the program)

Bachelor of Commerce
Madras University
📅 2014-2017

CERTIFICATES

☆ **IBM ML with Python**

☆ **PGP AIML Great Learning**

SKILLS

Python, Oracle SQL & PL/SQL
Machine Learning
SVM, Random Forest, Decision Tree, Classification,Regression, Predictive modelling
Deep Learning
Deep Neural Network, LSTM, CNN
NLP
Transformer models, BERT, Tokenization, Word Embeddings,Sentiment Analysis, Text Classification, Word2Vec,Glove, Text Preprocessing
Statistical Analysis
EDA, Inferential analysis, Hypothesis testing, Data Preparation, Visualization, Cleansing
Dashboard
Tableau, PowerBI
Cloud Platform
GCP, MS Azure, AWS
Libraries
sklearn, pandas, numpy, seaborn, Matplotlip, Tensorflow, Keras, nltk, spacy, gensim, hugging face, Beautiful soup, streamlit, pytorch
Big Data Tools
pytorch Hadoop, Apache