Iniyan K

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TECHNICAL AREAS

1. Data Analytics
2. Machine Learning
3. Deep Learning
4. Data Science
5. Business Intelligence
6. MLOps

TECHNICAL SKILLS

1. **Advanced Excel** – Pivots, Charts, Look ups, Functions, Analytics
2. **Jupyter Notebook** – Data Analysis and Visualization, Interactive Coding Environment
3. **Python** – Pandas, Matplotlib, NumPy, TensorFlow, Scikit-learn
4. **SQL** – Basics, Aggregate functions, Joins
5. **React** - Component Development, React Router, API Integration
6. **PHP** – MySQL Database, CRUD Operations, Form Handling, Session Management, User Management
7. **Version Control** – Git
8. **PowerBI** – Dashboards, KPI Stats, Forecasting, DAX, ETL
9. **Machine Learning** - Model Deployment, MLflow, Model Monitoring
10. **CI/CD** - GitHub Actions

WORK EXPERIENCE

1. **SELF LEARNING PROJECT - Automatic Essay Scoring**

   Full Stack Developer & Machine Learning Engineer   **May 2024**

   o Built a Flask web app for automated essay scoring, achieving 85% model accuracy.

   o Enhanced user interface with responsive design and animations, improving user satisfaction by 60%.

   o Conducted testing and validation on 100+ samples, documenting deployment instructions for seamless implementation.

2. **INTERNSHIP – TVS Sensing Solutions, Madurai**

   Business Intelligence Analyst   **Oct 2023**

   o Analyzed corporate data, providing insights that improved decision-making speed by 90%.

   o Assisted in developing business intelligence tools, reducing reporting time by 70%.

   o Supported data-driven decision-making for a team of 8 executives.

3. **INTERNSHIP – Geons Logix, Madurai**

   Cross Platform & Frontend/Backend Developer   **Jun 2023 - Aug 2023**

   o Implemented and maintained cross-platform apps, increasing user engagement by 45%.

   o Integrated frontend and backend components, enhancing system efficiency by 65%.

   o Collaborated with a team of 5 developers to ensure successful project delivery.

4. **INTERNSHIP–Hera Technologies Pvt Ltd, Rajapalayam**

   Stack Developer & Automation Engineer   **Jan 2023 - June 2023**

   o Created a full-stack solution for modernizing the admissions process, increasing application processing speed by 75%.

   o Transitioned operations to an online platform, handling over 2,000 applications annually.

   o Designed an intuitive website and admin dashboard, reducing manual data entry by 85%.

EDUCATION

1. **Bachelor of Technology in Artificial Intelligence and Data Science**   **Oct 2021 - May 2025**

   Ramco Institute of Technology, CGPA: 8.4   Rajapalayam

CERTIFICATIONS

1. TensorFlow Developer at Coursera
2. ChatGPT Prompt Engineering at Coursera
3. LLM Generative AI at Coursera
4. AWS Machine Learning at Coursera
5. Power BI AI Integration at LinkedIn Learning
6. PowerBI Data Analyst at Coursera
7. DevOps Fundamentals at Coursera
8. Agile Development and Scrum at Coursera
9. Artificial Intelligence Skills at Accenture
10. Machine Learning Fundamentals at Imarticus
11. R for Data Science at Udemy
12. OpenCV Face Recognition at The Great Learning Academy

MINI PROJECTS

1. Thyroid Cancer Diagnosis Prediction
2. Liver Cirrhosis Prediction
3. Liver Cirrhosis ANN Survival Analysis
4. ReactJS Weather Comparison
5. OpenCV Highway Lane Detection
6. LSTM Bitcoin Price Prediction
7. FPDF PDF Generator
8. OpenCV Face Recognition
9. Titanic Logistic Regression in R
10. R Data Visualizations
11. Video Games Dataset Analysis
12. PowerBI Healthcare Dashboard

EXTRA CURRICULAR – WORKSHOPS, HACKATHONS

1) Led basketball team to 3 regional championships, enhancing teamwork and leadership.
2) Competed in 3 district and divisional-level chess tournaments, consistently placing in the top 10.
3) Participated in 20+ quizzes, winning 5 first-place awards for expertise and knowledge.
4) Presented 3 research papers at competitions, receiving 1 award for innovation.
5) Secured top positions in 3 out of 10 logical reasoning contests, demonstrating strong reasoning skills.
6) **Workshops and Hackathons:**
   a) Machine Learning workshop at Geons Logix, Madurai.
   b) Workshop on Microsoft Azure and GitHub organized by GitHub.
   c) Business Analytics workshop conducted by Imarticus Learning.
   d) CODE-A-THON at VIT, Chennai.
   e) TCS Codevita Season 10.
   f) IPL Hackathon organized by IIT Madras & NPTEL.
   g) Accenture Innovation Challenge.

VERIFIED SKILL BADGES

1. **LinkedIn Skill Badges:**
   a. Machine Learning
   b. R
   c. Python
   d. OOPS Concept
   e. Microsoft Azure
2. **Hackerrank:**
   a. Python
   b. SQL
   c. Python (Gold Badge)
3. **Databricks:**
   a. Lakehouse Fundamentals
   b. Generative AI Fundamentals