PRAVEEN SUBRAMANI

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Master's in Big Data Analytics with hands-on experience in **end-to-end machine learning pipelines**, **model interpretability** (e.g., SHAP), and **AI-driven workflow automation**. Proficient in **Python**, **SQL**, **Tableau**, and **cloud platforms**, with a focus on building **scalable solutions**. Seeking an **opportunity** to deliver **business impact** through data-driven decision-making.

SKILLS

- **Technical:** Python, R, SQL, Matplotlib, Seaborn, Hadoop, Spark, Azure, AWS, GCP, Tableau, Power BI, APIs
- **Certifications:** Certified Python Programmer, Tableau Specialist, Deep Learning Essentials

WORK EXPERIENCE

Data Scientist Apprenticeship | Enfocus
01/2024 - 05/2024

Tools: Python, PySpark, SHAP, CI/CD, Logistic Regression — **Ghent, Belgium**

- Developed **AI/ML pipelines** using **Python** and **Logistic Regression**, achieving **0.82 AUC** and **€10.1K annual cost savings** by classifying 2,991+ **accounts** into **20+ industries**.
- Engineered **396 features** from **136M+ logs** using **PySpark**, improving sales efficiency by **30%** through automated data imputation.

Specialist | Ford Global Technology
03/2019 - 04/2023

Tools: Python, SQL, Big Data, Random Forest, XGBoost, Power BI — **Chennai, India**

- Developed **Fault Detection System** using **Random Forest**, **XGBoost**, reduce machine **downtime by 18%** and save **$500K annually**.
- Designed **Cuscor**, a workflow automation platform, decreasing operation delays by 35% and accelerating request resolution.

Team Lead | Bank of New York Mellon
02/2014 - 03/2019

Tools: Adobe Coldfusion, SQL — **Chennai, India**

- Implemented a **Crisis Management System** using **Agile**, ensuring business continuity for **1,000+ teams** and saving **$200K/year**.
- Optimized SQL queries to automated **data recovery** workflows, cutting downtime by 40% and **operational costs** by **$150K**.

Software Engineer | MitrahSoft Software Solutions
01/2013 - 02/2014

Tools: Adobe Coldfusion, SQL — **Kovilpatti, Tamil Nadu**

- Developed a **web application** for managing **10,000+ assets**, boosting productivity by 30%.
- Leveraged **agile** methodologies and effective client management to enhance operational efficiency.

PROJECTS

Financial Market Analysis | IÉSEG
01/2024 - 02/2024

Tools: Python, ETL, Financial Modeling, Streamlit

- Built **Python ETL pipelines** to merge **8+ financial tables**, reducing processing time by **40%** for **85% risk scoring**.
- Engineered **15+ financial variables** to flag high-risk clients, reducing defaults by **18%**.

AI-Based Contract Processing (OCR & NLP)
01/2024 - 02/2024

Tools: AWS (S3, Lambda), OpenCV, NLP, Python

- Developed **OCR-powered AI models** for automated contract processing, **improving data extraction accuracy by 30%**.
- Deployed models on **AWS cloud**, ensuring scalability and automation.

EDUCATION

Master's Degree in Big Data Analytics for Business | IÉSEG School of Management

Descriptive & Predictive Analytics, Machine Learning, Deep Learning, NLP, Recommendation Systems   Lille, France • 09/2023 - Present

Bachelor of Technology in Information Technology | Dhanalakshmi College of Engineering

Data Structures & Algorithms, Languages (C++, Java), Database Management Systems   Chennai, India • 07/2009 - 04/2012