Robin K Philip

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About Me

A highly motivated and self-taught Machine Learning Engineer specializing in Computer Vision and Document Understanding. Proficient in Python and experienced with OCR libraries (PaddlePaddle OCR, Tesseract), transformer-based vision models (Donut, pix2struct, LayoutLM), and PDF processing tools (PDFMiner, PyPDF2, pdfplumber). Eager to contribute to data-driven decision-making in healthcare by building state-of-the-art AI solutions at Autonomize. Proven ability to transform raw data into actionable insights and a clean code advocate with expertise in web technologies (Django, Flask) and scalable distributed systems.

Experience

Machine Learning Engineer   -

- Developed sales prediction models to forecast trends and provide actionable insights.
- Created a student CRM system to manage student data and improve engagement.
- Applied machine learning techniques to process and analyze scanned documents.

Education

Self-Taught   -

Skills

Python OCR Computer Vision Document Understanding PaddlePaddle OCR Tesseract Adobe PDF Library Donut pix2struct LayoutLM PDFMiner PyPDF2 pdfplumber Tabula Camelot Textract LLMs TensorFlow PyTorch Django Flask Kafka Spark MongoDB Scikit-learn NumPy Pandas

Soft Skills

- Team Player
- Excellent Communication
- Problem-solving
- Owner Mentality
- Curious and Experimental

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