BILAWAL MUNEER

Principal Software Engineer

AI that works with your business.

Document intelligence, AI integrations and dependable backend systems.

REMOTE / PROJECTS / PART-TIME CONTRACTS

SELECTED PROJECTS

Delivered at Strategic Systems International

01 **Financial PDF parsing**

Complex corporate filings to structured text, headings and tables.

Built a Python/Docling parser with parallel page processing, MySQL-backed queues, document reprocessing and runtime monitoring. Added higher-resolution table rendering and fused-column repair for difficult layouts.

Python / Docling / MySQL / Docker

02 **Serverless document processing**

Parallel extraction with coordinated processing and OCR.

Built an event-driven AWS pipeline that splits PDFs into chunks, processes them in parallel and merges structured JSON. Used DynamoDB claims to prevent duplicate processing, S3 manifests for large PDFs and Google Cloud Vision OCR.

AWS Lambda / Step Functions / S3 / DynamoDB

03 **Financial tables from SEC filings**

Complex HTML tables to semantic JSON for downstream products.

Developed table extraction for merged cells, multi-row headers, currency columns and table titles. Added irrelevant-table filtering, repaired data-loss defects and reprocessed historical filings across multiple servers.

PHP / Node.js / Python / MySQL

HOW I CAN HELP

Document AI & PDF extraction | Chatbot & RAG integrations
Python/Laravel APIs | AWS pipelines | Business workflow automation

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Open to remote projects and part-time contracts

UK / US / Canada / Australia

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