Jahasiel P. Dela Pena

FullStack Engineer (React + Django)
Philippines (Remote) | djahasiel101600@gmail.com | djahasiel.vercel.app

PROFESSIONAL SUMMARY

FullStack Engineer specializing in React (TypeScript) and Django REST Framework, building complete web applications from database design to UI implementation. Independently design and develop production-ready systems including POS platforms and real-time monitoring dashboards integrating algorithmic logic, background processing, and performance optimization. Comfortable working remotely and shipping features end-to-end in fast-moving environments.

TECHNICAL STACK

- Frontend: React (TypeScript), Material UI (MUI), ShadCN UI, Bootstrap
- Backend: Python, Django, Django REST Framework, REST API Design
- Infrastructure: Redis, Celery, Docker, Git
- Tools: Cursor, GitHub Copilot
- Strength Areas: Business Logic Implementation, Algorithmic Rules, Performance Optimization

PRODUCT ENGINEERING PROJECTS

SariStorePOS – FullStack Retail Management System

Tech: React (TypeScript), Django REST Framework, Redis, Docker

- Designed relational data models for products, sales, and users.
- Built RESTful APIs using DRF.
- Developed responsive frontend using React + TypeScript.
- Implemented inventory deduction rules and sales validation logic.
- Optimized database queries for transaction-heavy operations.
- Containerized the system using Docker.

Attendance & Energy Consumption Tracking System

Tech: React, Django, Celery, Redis

- Designed backend services for attendance and energy usage data.
- Implemented algorithmic logic for energy calculations and threshold alerts.
- Used Celery + Redis for asynchronous background processing.
- Built dashboards for time-based data visualization.
- Applied efficient query strategies for time-series data.

Transformer Load Monitoring System

Tech: Django, React

- Designed APIs to handle electrical load sensor data.
- Implemented rule-based logic for load analysis.
- Built responsive dashboards for real-time monitoring.
- Structured database queries for efficient time-range filtering.

WORK STYLE & STRENGTHS

- Own features end-to-end (database → API → UI → deployment).
- Strong attention to UI alignment, spacing, and responsiveness.
- Comfortable building systems from scratch.
- Experienced in independent and remote work environments.
- Use AI coding assistants to accelerate development and iteration.