

# PAUL JOHN SOPRANES

Full Stack Developer / Software Engineer

Santo Tomas, Batangas CALABARZON Philippines

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## PROFESSIONAL SUMMARY

Full Stack Developer with a strong background in building scalable web applications, microservices, and internal enterprise tools. Experienced in the full software development lifecycle (SDLC), from database design to deployment using Docker and Nginx. Pragmatic approach to problem-solving, leveraging modern AI tools to accelerate development and optimize code efficiency. Seeking a role in developing stable, high-impact business applications.

## TECHNICAL SKILLS

**BACKEND:** NODE.JS, EXPRESS.JS, PYTHON, RESTFUL APIs, MICROSERVICES ARCHITECTURE.

**FRONTEND:** REACT.JS, HTML5, CSS3, TAILWIND CSS, BOOTSTRAP, JAVASCRIPT (ES6+)

**DATABASE:** SQL (MYSQL), NOSQL (MONGODB), OBJECT STORAGE (MINIO)

**DEVOPS & TOOLS:** DOCKER, GIT, NGINX, RABBITMQ (MESSAGE BROKER), LINUX ADMIN

## RELEVANT EXPERIENCE

### FREELANCE FULL STACK DEVELOPER

2025 - PRESENT

REMOTE

- Architected and deployed a Distributed File Management System, utilizing Microservices to handle file uploads, storage, and retrieval efficiently.
- Implemented RabbitMQ as a message broker to handle asynchronous tasks, ensuring system stability during high-load operations.
- Designed and secured REST APIs for client-side applications, integrating custom Authentication/Authorization protocols.
- Managed deployment pipelines using Docker and Nginx, hosting applications on self-managed Linux infrastructure to ensure data privacy and control.
- Integrated third-party APIs (LiveKit, AI Agents) for real-time communication features, focusing on efficient client-server data exchange.

### COMPUTER OPERATOR III (DEVELOPER & DATA SPECIALIST)

2021 – 2024

CITY GOV'T OF PARANAQUE (HRMO)

- Developed and maintained the GSIS Remittance File Generator, a critical internal tool that automated the formatting of financial data for government reporting, eliminating manual errors.
- Managed the Employee Self Service Kiosk software, ensuring the interface was user-friendly for non-technical staff to file leaves and access documents.
- Built and deployed "Quality of Life" scripts and modules for the HRMIS Web Application, streamlining document retrieval workflows for the HR department.
- Handled the CSC Transmittal Report generation, processing large datasets of employee records for renewal and compliance.

### COMPUTER OPERATOR I (TECHNICAL SUPPORT)

2019 – 2021

CITY GOV'T OF PARANAQUE (HRMO)

- Provided technical support for hardware and network infrastructure, gaining deep insight into end-user pain points which informs my current UI/UX design decisions.
- Maintained the local network subnet and database connections, ensuring high availability for internal office applications.

## PERSONAL PROJECTS

### PORTFOLIO

HTML5, CSS3 AND JAVASCRIPT

AUGUST 2024

### SELF-HOSTED CLOUD INFRASTRUCTURE

[HAUSENLOT.GITHUB.IO/HAUSEN\\_PORTFOLIO](#)

JANUARY 2026

DOCKER, NGINX, CLOUDFLARE TUNNEL, LINUX

POLOBUTPOLO.XYZ

- Maintains a personal home-lab server hosting various containerized applications.

- Demonstrates ability to manage DNS, reverse proxies, and server security outside of managed cloud providers.

### FFA FILE MANAGER

JANUARY 2026

MONGODB, EXPRESS, REACT, NODE, MINIOS3, RABBITMQ

[FILE.POLOBUTPORO.XYZ](#)

- Architected a scalable, **self-hosted** file storage system using MongoDB and Express.
- Integrated MinIO Object Storage (S3 compatible) to handle high-volume binary data, decoupling storage from the application logic.
- Implemented RabbitMQ to manage asynchronous file processing tasks, ensuring the UI remains responsive during heavy uploads.
- Deployed via Docker Compose behind an Nginx reverse proxy and Cloudflare, demonstrating end-to-end DevOps capability.

### BUDGET SCRIBE (TRANSCRIPTION SERVICE)

JANUARY 2026

PYTHON, FASTAPI, FASTER-WHISPER

[STT.POLOBUTPORO.XYZ](#)

- Developed a high-performance Speech-to-Text microservice using Python and FastAPI.
- Leveraged the faster-whisper model for efficient server-side audio processing, optimized for containerized environments.
- Designed a clean, drag-and-drop frontend interface that interacts with the Python backend via RESTful API endpoints.
- Demonstrates ability to wrap complex Python machine learning models into simple, consumable web APIs.