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PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building and supporting production systems. Focused on back-end development, cloud deployments, and troubleshooting across application, database, and network layers. Experienced with Docker, Google Cloud, PostgreSQL performance, and healthcare/ERP integrations. Targeting Backend, Cloud/DevOps Support, or Technical Engineering roles.

EXPERIENCE

Programmer / IT Specialist

May 2021 – May 2023

Asimed Laboratories — Strategic Group, Guayaquil, Ecuador

- Improved PostgreSQL query performance by **30%**, delivering **2x faster** internal system response times.
- Deployed containerized services on **Google Cloud Run**, reducing deployment cycles by **25%**.
- Built a stateless **HL7-to-JSON** service for medical device ingestion, reducing onboarding time by **50%**.
- Implemented ERP middleware integrations that reduced synchronization errors by **40%**.
- Acted as escalation point for production issues across software, database, and network layers.

Logistics Operations Associate

Jul 2023 – Present

Amazon Logistics (DS Variable), Brisbane, Australia

- Operated in a high-SLA, time-critical environment supporting daily dispatch operations.
- Reduced route delays through rapid exception handling and workflow coordination.
- Developed strong prioritization, communication, and execution under pressure.

TECHNICAL PROJECTS

HL7 Data Proxy & Cloud Integration / TypeScript, Fastify, GCP, PostgreSQL

Built a stateless service to transform HL7 medical data into JSON for ingestion, prioritizing reliability and production deployment. (Professional project; source code private.)

Odoo ERP Middleware / TypeScript, REST APIs, Linux

Implemented scheduled synchronization jobs to improve accounting data consistency and reduce manual intervention.

Live Database Migration Automation / Python, SQL, Bash

Automated a live MySQL to PostgreSQL migration with validation and rollback safeguards to avoid production downtime.

TECHNICAL SKILLS

- **Backend & Data:** TypeScript/JavaScript, Python, Node.js (Fastify, Express), SQL, PostgreSQL, MySQL
- **Cloud & DevOps:** Docker, Google Cloud (Cloud Run, IAM), CI/CD, Linux, Bash
- **Networking:** TCP/IP, VLANs, Switching, Routing (OSPF, EIGRP), Troubleshooting
- **Tools & Systems:** Git, Ticketing systems, Odoo ERP, RDBMS

EDUCATION

Advanced Diploma in Telecommunications Engineering

2025 – Present

Canterbury Technical Institute, Australia

B.Eng. in Telematics Engineering

2017 – 2022

Escuela Superior Politécnica del Litoral (ESPOL)

ADDITIONAL

Languages: English (Professional), Spanish (Native)