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PROFESSIONAL SUMMARY

Versatile IT Professional and Software Engineer with a comprehensive background in **Full Stack Development**, **Cloud Operations**, and **Network Infrastructure**. Proven track record of optimizing PostgreSQL databases, deploying containerized applications (Docker/GCP), and troubleshooting complex technical issues. Currently advancing knowledge in Telecommunications Engineering. Eager to leverage skills in debugging, system administration, and network routing to support IT operations, DevOps workflows, or Help Desk environments.

TECHNICAL SKILLS

- **Development & Scripting:** Python, TypeScript/JavaScript, Java, PHP, Bash/Shell Scripting, SQL.
- **DevOps & Cloud:** Google Cloud Platform (Cloud Run, IAM), Docker, CI/CD Pipelines, Linux (Ubuntu/Debian) Admin.
- **Networking & Hardware:** TCP/IP, Routing (OSPF, EIGRP), VLANs, Switching, MPLS, Troubleshooting, OSI Model.
- **Web Frameworks:** Node.js (Fastify, Express), Svelte, React basics, HTML5/CSS3, REST APIs, GraphQL.
- **IT Support & Tools:** Git, Jira, Ticket Management, Odoo ERP, Database Migration, System Diagnostics.

EXPERIENCE

Programmer / IT Specialist

May 2021 – May 2023

Asimed Laboratories — Strategic Group, Guayaquil, Ecuador

- **System Optimization:** Improved PostgreSQL query performance by **30%** and refactored legacy scripts, achieving **2x faster** page loads for internal medical systems.
- **DevOps Implementation:** Streamlined Google Cloud Platform workflows (Cloud Run, build pipelines), reducing deployment cycles by **25%** and increasing service reliability by **20%**.
- **Integration & Support:** Enhanced API integrations with Odoo ERP, cutting synchronization errors by **40%** and resolving data inconsistencies for end-users.
- **Medical Tech:** Built an HL7-to-JSON proxy for medical device data ingestion, halving the time required for device onboarding and configuration.
- **Troubleshooting:** Acted as a technical escalation point for software and network connectivity issues within the laboratory network.

Logistics Operations Associate

Jul 2023 – Present

Amazon Logistics (DS Variable), Brisbane, Australia

- **Operational Efficiency:** Streamlined daily dispatch workflows and coordinated loading processes, contributing to a **20%** improvement in station efficiency.
- **SLA Adherence:** Minimized route downtime through effective exception handling and sequencing, consistently meeting high-pressure delivery targets and Service Level Agreements (SLAs).
- **Process Improvement:** Collaborated with shift managers to identify bottlenecks in the loading dock procedures, implementing rapid solutions to reduce dock time.

TECHNICAL PROJECTS

HL7 Data Proxy & Network Integration | TypeScript, Fastify, GCP, PostgreSQL

Developed a high-availability proxy service to convert raw HL7 analyzer output into JSON for GraphQL ingestion. Reduced new equipment onboarding time by **50%** and ensured 99.9% uptime for critical medical data transfer.

Odoo ERP Middleware | TypeScript, REST API, Linux Environment

Engineered a middleware solution to synchronize company sales events with Odoo ERP. Automating these records

improved data consistency and reduced manual data entry tickets by the accounting team.

Database Migration Automation / *Python, SQL, Bash*

Created reusable scripts for cross-RDBMS migrations with automated validation and rollback support, utilized during critical server upgrades to ensure zero data loss.

EDUCATION

Advanced Diploma in Telecommunications Engineering

May 2025 – Present

Canterbury Technical Institute, Australia

Focus: Network Planning, Optical Fibre, Wireless Networks, Routing Protocols, and Infrastructure Deployment.

B.Eng. in Telematics Engineering

May 2017 – Sep 2022

Escuela Superior Politécnica del Litoral (ESPOL)

Relevant Coursework: Data Structures, Cloud Computing, Network Security, Database Systems.

GENERAL

- **Languages:** English (Professional Working Proficiency), Spanish (Native).