

JORMAN ORRALA LAINEZ

FULLSTACK DEVELOPER - NETWORK ENGINEER



<https://jored93.github.io/portfolio/>



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EDUCATION

Computer systems engineer

Guayaquil university

2013 - 2022

Registration number: 1006-2023-2615989

EXPERTISE

- **Docker:** Creation and maintenance of containers of applications and database.
- **CI/CD:** Jenkins as a CI server being the center of continuous delivery for any project, Gitlab CI/CD.
- **Knowledge of Network Protocols:** TCP/IP, IPv4, IPv6, DNS, DHCP, HTTP, HTTPS, FTP, SNMP, BGP, OSPF, and others.
- **DHCP Configuration:** Ability to configure and manage DHCP servers and services for automatic IP address assignment and network configuration.
- **DNS Servers:** Configuring and managing DNS servers for domain name resolution.
- **Routing and Switching:** Knowledge of routing and switching for network interconnection and traffic management.
- **Firewalls and Network Security:** Implementation and configuration of firewalls and security policies to protect networks.
- **VLANs and Subnetting:** Create and manage virtual networks (VLANs) and perform subnet partitioning.
- **Network Monitoring and Management:** Use network monitoring tools such as SNMP and manage network devices.
- **VPN and Remote Connectivity:** Configure and manage virtual private networks (VPN) for secure, remote connections.
- **Network Troubleshooting:** Identify and resolve network issues, such as latency, packet loss, and connectivity issues.

PROFILE

Experience in Python, Typescript, Auth and RESTful backend development. Experience with CI/CD, Docker, microservices architectures and devops culture. Knowledge of frontend development in HTML, CSS and Javascript frameworks. Extensive experience in the design, implementation and maintenance of computer networks and IT systems.

WORK EXPERIENCE

Engineer

NTT DATA

Sept 2022

- **TypeScript Development on AWS:** Write code in TypeScript for applications and services on AWS.
- **AWS Cognito Integration:** Configure and manage AWS Cognito, a user authentication and authorization service.
- **Application Development with JavaScript and C#:** Develop applications in C# and Javascript using Azure SDK and Azure services.
- **Collaborative work:** Active participation in agile methodology ceremonies.

Web Developer

Dic 2021 - May 2022

Tecnoprova

- **Full-Stack Development:** Combine both frontend and backend development to create complete web applications in Oracle APEX.
- **Database Management:** Design and create queries using ORACLE DB.

Network engineer

CABLE FUTURO EC

Mar 2018 - Nov 2021

- **Network design and optimization:** I collaborated in the design and optimization of network topology to improve efficiency and redundancy, ensuring reliable connectivity for our clients.
- **Network equipment configuration:** Configured and managed network devices, such as routers, switches, and firewalls, to ensure security and efficient data flow throughout the infrastructure.
- **Implementation of security policies:** Implemented network security policies to protect infrastructure and sensitive customer data, ensuring compliance with regulations and security standards.
- **Network Monitoring:** Used network monitoring tools to monitor performance and availability of services, proactively responding to potential issues.
- **Interdepartmental collaboration:** Worked closely with engineering, technical support and sales teams to understand customer needs and deliver effective technical solutions.
- **Documentation Update:** Maintained up-to-date technical documentation, including network diagrams, configuration procedures, and user manuals, to facilitate collaboration and knowledge sharing across the team.
- **Evaluation of new technologies:** I was involved in the evaluation of new technologies and network products to stay abreast of trends and opportunities for improvement.