



**YASHDEV SINGH**  
**Full Stack Developer**  
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**Languages**  
 Spanish **Native**  
 English **Native**

## Summary

A strong background in full-stack development and network administration has been cultivated, pairing technical expertise with a passion for creating impactful solutions. Through hands-on experience in building interactive applications and optimizing network infrastructures, an eagerness to contribute to dynamic projects is demonstrated. A commitment to advancing technology and enhancing user experiences aligns seamlessly with forward-thinking goals and values.

## Key Achievements

### Network Downtime Reduction

Achieved 30% reduction in network downtime through effective implementation of monitoring tools.

### Enhanced Web Performance

Increased web application performance by 25% using optimization techniques.

### Custom OS Development

Developed a custom OS enhancing task efficiency by 40% with multitasking and scheduling.

## Experience

### Qlance

#### Network Administrator

Qlance - Toronto, Canada

09/2023 - 01/2024

- Implemented network monitoring tools to troubleshoot and resolve connectivity issues efficiently
- Configured and maintained firewalls to ensure network security and compliance with company policies
- Provided end-user support for network related issues and conducted training sessions on best practices
- Built and implemented the entire networking infrastructure from scratch
- Configured servers and essential services for optimal performance and security

### Personal Project

#### Custom Operating System Development

Fuengirola, Spain

06/2023 - 12/2023

- Implemented multitasking and process scheduling
- Ensuring efficient execution of concurrent tasks
- Tested the system using tools like QEMU and debugged issues to improve performance

### 42 Project

#### Ft Transcendence

Málaga, Spain

06/2023 - 10/2023

- Developed a full-stack 3D web application using Three.js for interactive graphics and vibrant neon visuals
- Built backend services with APIs for data management, authentication, and real-time updates

### DDM2

#### FrontEnd Developer

Benalmadena, Málaga

03/2022 - 03/2023

- Proficient in front-end frameworks like React.js and backend frameworks such as Django.
- Experience in optimizing website performance and implementing SEO best practices
- Collaborated with back-end teams to create functional sites and applications

## Skills

CSS · Django · Docker · GitHub · HTML · Java · JavaScript · Kubernetes · Networking · Python · React · SEO · SQL · Three.js

## Education

### 42 Málaga

#### Software Development

Málaga, Spain

09/2022 - Present

- Programming & Software Development:** Mastery of C, algorithms, and problem-solving.
- Systems & Networking:** UNIX administration, network architecture, and cybersecurity basics.
- Web & DevOps:** Front-end/back-end development, Git, Docker, and CI/CD pipelines.

### IES Fuengirola No 1

#### Network and Systems Administration

Fuengirola, Spain

01/2020 - 01/2022

- Systems & Network Administration:** Installing, configuring, and maintaining operating systems, networks, and virtualization.
- Cybersecurity & Troubleshooting:** Implementing security measures, ensuring data protection, and resolving IT issues.
- IT Automation & Cloud Services:** Managing cloud-based solutions and using scripting for system optimization.