

Yashdev Singh

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About Me

Full-stack developer with a strong IT foundation and experience in both networking and software development. Skilled in building scalable web applications, managing on-premise infrastructures, and integrating DevOps best practices. Adaptable, self-driven, and experienced across diverse tech stacks, from **React/Tailwind** to **Django** and **networking administration**.

Tech Skills

- **Frontend:** React, Tailwind CSS, JavaScript, TypeScript, Flutter
- **Backend:** Django, Node.js, Java
- **DevOps & Infra:** Docker, Kubernetes, Grafana, Prometheus, Linux/Windows Server, Github Actions
- **Networking:** Active Directory, DHCP, DNS, Security, Subnetting
- **Other:** Git/GitHub, C/C++, Web Development

Experience

Qlance - Network Administrator

Sept 2023 – Jan 2024

- Designed and deployed a **secure, scalable** networking infrastructure with **Grafana/Prometheus** monitoring.
- Administered Windows & Linux servers (**Active Directory, DHCP, DNS**) with 99.9% uptime.
- Automated routine network tasks using Bash scripts, improving efficiency by 20%.

DDM2 - Frontend Developer

Mar 2022 – Mar 2023

- Built responsive **React/WordPress** applications, integrating REST APIs for dynamic content.
- Implemented **SEO best practices**, reducing site load times by 30%.
- Set up **CI/CD pipelines** with **GitHub Actions**, streamlining frontend deployment.

Projects

Ft_Transcendence

- Real-time multiplayer Pong game
- Developed with **ThreeJS/WebGL** for interactive gameplay.
- Implemented **Server-Side Rendering (SSR)** for scalability.
- Built server-side game logic and APIs using **Django & WebSockets**.

Mercurio

- **AI-powered** news TLDR app
- Built the frontend using **React + Tailwind** with Axios for API integration.

Expense Tracker

- Full-stack expense tracking system with **Spring Boot 3, PostgreSQL 16, React 18, and Docker**.
- Implemented **JWT dual-token authentication** (access + refresh) for secure user sessions.
- Integrated **expense** analytics with Recharts dashboards.
- Deployed via Docker with **environment-specific Compose configs** for dev/prod.
- Added **Gocardless OpenBanking API integration** to sync transactions from 50+ banks.

Education

42 Common Core (2022–2024) – 42 Málaga, École 42

- Peer-to-peer, project-based coding school focused on self-learning.
- Worked on real-world challenges with **C/C++, JavaScript, Docker, Python**.

Network and Systems Administration (2020–2022) – IES Fuengirola N°1

Certifications

- **AWS Cloud Essentials (Udemy)** – Core AWS services, architecture, and best practices
- **Oracle Cloud Infrastructure (OCI) Foundations Associate** – Cloud fundamentals, security, and service management

Languages

English: Native **Spanish:** Native

Portfolio

Explore my work at: yash.koltserver.net