Yesid Robayo

Full Stack Developer

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Social Media Yesid-Robayo yesid11

Education

Fundación Universitaria Compensar	**2024 – 2026** Software Engineering
Fundación Universitaria Compensar	**2022 – 2024** Professional Technical Degree in Software Application Programming
Colegio SaludCoop Sur I.E.D	**2009 – 2020** High School Diploma

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Description

Full Stack Developer with experience in technologies such as Node.js, React, Next.js, and Spring Boot. Specialized in designing and developing web and mobile systems, with a comprehensive focus on DevOps, including CI/CD, Docker, and cloud management (GCP and AWS). Holds certifications in Scrum, Cybersecurity, and Data Science, with a B1 level of English. Currently working on projects that combine innovation, scalability, and security.

Experience

MerkaWeb 7 **September 2024 - January 2025**
Full Stack Developer Colombia

- Design, development, and deployment of a comprehensive inventory management system, with a complete DevOps approach to ensure security, scalability, and efficiency.
- **Backend and Databases:**
  - Server creation using **Node.js** and **Express**.
  - Database management in **MySQL**, implementing authentication with **JWT** and data encryption.
- **Frontend:**
  - User interface development with **Next.js**, using **Redux** for state management and multilingual support.
  - Implementation of a modern and responsive design with **Tailwind CSS**.
- **DevOps:**
  - Configuration of **VPS** servers and application containerization with **Docker**.
  - Implementation of **CI/CD** with **Jenkins** for automated deployments.
  - Configuration of **UFW** and **SSL/TLS** certificates to protect infrastructure and secure communications.

Freelancer **April 2024 - September 2024**
Full Stack Developer Colombia

- Development of customized technological solutions for stores and startups.
- Creation of informative websites, online stores, and service platforms.
- Use of **Node.js**, **Express**, **Next.js**, and **React Native** to develop robust and scalable solutions.
- Guarantee of responsive and attractive designs, suitable for various business needs.

Servimax y Co **August 2023 - February 2024**
Full Stack Developer Colombia, Bogota

- Comprehensive focus on web and mobile development, covering from backend to end-user experience.
- **Backend:**
  - Development of a bot with **Facebook API** that automated purchase processes and query responses, improving operational efficiency.
  - Creation and integration of external APIs and development of reusable libraries for application across multiple projects.
- **Mobile Development:**
  - Application development with **React Native**, integrating technologies such as **Redux**, **Axios**, and **React Navigation** to improve performance and functionality.
  - Implementation of predefined designs and customization with **Tailwind CSS** for a modern and professional appearance.
- **Web Development:**
  - Creation of administrative modules from scratch using **Angular**, enabling new functionalities and improving user experience.
  - Design of responsive and modern interfaces using **Bootstrap**.
- **Cloud and DevOps:**
  - Implementation of scalable and secure solutions in **Google Cloud Platform (GCP)**, managing servers and configurations for production environments.
  - Process automation with **GCP** tools, improving operational efficiency and reducing manual intervention time.

InvestigaPlus **2022**
Full Stack Developer Colombia

- **Project:** Development and coordination of "InvestigaPlus," an advanced application designed to meet the needs of inventory control, project management, user manipulation, and historical records in academic research groups.
- **Roles and Responsibilities:**
  - Leadership in project planning and development, ensuring alignment with client requirements and team objectives.
  - Design and implementation of the entire application architecture.
- **Technologies Used:**
  - **Java:**
    - Development of business logic and programming of all system layers.
    - Management of component interaction and execution optimization.
  - **SQL/MySQL:**
    - Design and management of relational databases, creating efficient schemas to handle large volumes of data.
    - Implementation of optimized SQL queries to ensure fast response times and stable performance.
- **Results:**
  - The application allowed users to efficiently manage resources, inventories, and projects, significantly improving the client's internal processes.
  - Generation of detailed reports and history functionality, providing greater transparency and control.

Skills

React (including React Native)	**Next.js**
Tailwind CSS	**Node.js**
MySQL	**Docker**
Jenkins	**Google Cloud Platform (GCP)**
Amazon Web Services (AWS)	**TypeScript**
Git/GitHub	

Languages

Spanish: Native

English: B1

Certifications

Scrum Fundamentals Certified	**April 2022**
Introduction to Cybersecurity	**May 2023**
Introduction to Data Science	**May 2023**
Java Foundations	**February 2023**