

NORKA RODRIGUEZ

Software Engineer

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Summary

Dynamic software developer with a strong background in building and improving applications, working as a **full-stack** engineer using **Java**, **Spring Boot**, **Vuejs**, **Reactjs**, and **SQL databases**. I have helped improve different types of systems, led efforts to migrate and rebuild applications, therefore improving their user experience, and supported teams to grow through mentorship. I thrive in **agile environments**, enjoy solving complex problems, and care deeply about writing clean, maintainable code that delivers real value.

Skills

Java 17

Java EE

Spring

Spring Boot

VueJs

ReactJs

Angular

RESTful API

SQL DBs

Git/Github

Experience

Software Developer Demand Frontier, August 2020 - March 2025

- Contributed to the development of new features for a virtual events web platform as a **full-stack** developer. On the backend, **Spring Framework** was used to build and maintain robust services. On the frontend, I developed dynamic, user-friendly interfaces with **Vuejs** and **Reactjs**. Additionally, I worked with **PostgreSQL**, writing and optimizing stored procedures and functions.
- Designed and developed the migration of key platform features to a new administrative dashboard web app. Working as a **full-stack** developer, I built the frontend using **Vue.js** and **BootstrapVue**, focusing on responsive design and improved user experience. I developed **RESTful APIs** with **Spring Boot** on the backend, ensuring smooth integration and scalable performance. Worked closely with stakeholders to align functionality with business needs and deliver a more intuitive admin interface.
- Improved application security by implementing **two-step authentication** for the administrative module's login process.
- Updated the platform's Zoom integration by implementing the **OAuth 2.0 protocol**, enabling secure, user-authorized access to Zoom services.
- Mentored new team members by guiding them through platform functionality, assisting with **functional testing**, and helping set up and **fine-tune** their **local development environments**. Contributing to faster onboarding and smoother team collaboration.

Developer Private Sector, December 2017 – October 2019

- Collaborated with the development team to resolve issues and deliver new features for a **web application** designed to help small grocery stores manage their inventory. Working as a **full-stack** developer using **Angular** on the frontend and **Spring Boot** on the backend, contributing to a more reliable and user-friendly system for day-to-day operations.

- Mentored a team of junior developers in building **automated regression tests** for various web applications and **REST APIs**. Guided them in the use of **Java**, the **Screenplay pattern**, **Serenity BDD**, and the **Cucumber** tool, helping the team adopt best practices in test design.
- Directly involved in the configuration of the CI/CD pipeline on Azure DevOps, optimizing the build, testing, and deployment processes. Worked within a Scrum team, aligning pipeline improvements with sprint goals and ensuring faster, more reliable delivery cycles.

Technical Specialist II Banco Exterior, March 2016 – September 2017

- Improved a web application by analyzing and resolving issues across the **frontend** and **backend** with **Java**, **Java Server Pages (JSP)**, **HTML**, and **CSS** to enhance functionality and user experience. This web app was used by branch analysts to view client's financial product information.
- Developed **automated regression test scripts** for a web application using **Java** and **Selenium WebDriver**, reducing manual testing time by **80%** and significantly accelerating the QA process. Worked closely with the QA and development teams in an **agile Scrum environment**, ensuring test coverage aligned with sprint goals and product requirements.

Analist I Banco Venezolano de Crédito., August 2015 – March 2016

- Designed and developed a web application to manage cash inventory in the bank's main vault. The system enabled users to store and update bill and coin amounts, add new denominations, process cash transfer requests from branches, and generate PDF reports for tracking and auditing purposes. Contributed to more accurate cash management and improved operational efficiency. **Oracle DB, JavaEE, JDBC, JQuery, JSP, HTML and CSS.**
- Designed and developed a web application for the Capital Control and Legitimation department to manage information on politically exposed persons (PEPs). The system allowed users to add and update individual profiles, define connections between PEPs, and upload photos and supporting documentation, improving data accuracy and regulatory compliance. **Oracle DB, JavaEE, JDBC, JQuery, JSP, HTML and CSS.**

Developer Indra., July 2014 – August 2015

- Contributed to the design and development of a self-service web application for Movistar customers, enabling users to manage the services associated with their mobile phone lines. The platform improved user autonomy and reduced reliance on customer support. **JavaEE, JDBC, JQuery, JSP, HTML and CSS.**
- Worked as a **full-stack** developer by developing the **backend** and **frontend** components for a **user-facing system** that allowed customers to activate, cancel, modify, and view details of their mobile plans, packages, and account balance. Built a user-friendly interface using **JSP, HTML5**, and **JavaScript**, improving customer experience and ease of service management.
- Successfully implemented a **regression testing system** for a web application using **Selenium** and **Java**, enabling faster detection of bugs and improving overall software quality. The solution enhanced test coverage and helped streamline the QA workflow.

Soft Skills

→ Proactivity

→ Leadership

→ Agile

→ Effective communication

→ Results oriented

→ Self-taught

Education

Computer Engineer Universidad de Oriente, Barcelona, Venezuela 2012.

Certifications

Scrum Master. Scrum Study., February 2019

Scrum Fundamentals. Scrum Study., February 2019

React Web App Development. Coursera., October 2019