

Bernardo Santos

nardssantos@gmail.com | +639674634752 | <https://devnardo.vercel.app/>

Senior Full Stack Software Engineer with 13 years of experience developing user-focused applications using **Java**, **Angular**, and **React**. A problem solver at my core, I bring deep expertise in both backend and frontend development, building scalable architectures with **microservices** and **microfrontends**. I combine strong technical skills with a sharp eye for UI design to craft high-performance, intuitive, and visually polished user experiences.

<skills/>

Backend & CI/CD

Java	NodeJS	Java EE	Spring Boot	Spring MVC	Hibernate
Apache Ignite	Microservices	Kafka	Java Server Faces	SQL	
Server Side Pagination	AzureDevOps	Jenkins	Git		

Frontend

Typescript	Javascript	CSS/SASS	Tailwind CSS	Angular	React
NextJS	Redux	Jest	AgGrid	NgRx	HighCharts
Microfrontends	UI Designing				

<employment history/>

BlackRock Advisors Pte Ltd, Singapore Software Engineer → Senior Software Engineer | March 2016 – September 2025

Tech Stack: Java, Spring Framework, Apache Ignite, Angular, React, Redux, NgRx, AgGrid, Module Federation, HighCharts

- Led architecture and development across multiple fund trading and money market platforms, driving modernization from monoliths to microfrontend architectures.
- Bootstrapped and scaled several enterprise-grade trading applications from the ground up, defining technical standards and implementing reusable frameworks.
- Implemented Redux-style state management with NgRx and React Redux to improve maintainability, scalability, and team productivity across large frontend codebases.
- Enhanced performance and responsiveness by introducing server-side pagination (AgGrid + Apache Ignite) for high-volume data handling.
- Developed core trading and fund-switching features, ensuring reliability and compliance for high-stakes financial operations.
- Mentored junior engineers in Angular, React and Java best practices, code quality, and scalable application design.
- Ensured cross-platform usability and mobile responsiveness in trading applications.

Credit Agricole, Singapore Software Developer | June 2012 – March 2016

Tech Stack: Java, Spring Framework, Java Server Faces, jQuery

- Developed and enhanced enterprise banking applications using Java, Spring, JSF, and jQuery.
- Resolved complex integration challenges between JSF and Spring, improving application stability and maintainability.
- Built a high-performance Excel export feature enabling large data downloads without exceeding server memory limits.
- Recognized for outstanding performance – awarded “Best Rookie of the Year” (December 2012).

<education/>

Bachelor of Science in Information Technology, Bulacan State University

Malolos City, Bulacan, Philippines | June 2008 – April 2012