NELSON RUIZ JR
SOFTWARE ENGINEER

CONTACT INFO

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KEY STRENGTHS

- Systems design & cross-platform migration
- Strong analytical and debugging skills
- Rapid adaptation to new technologies
- Mentorship and team leadership
- Detail-oriented with a delivery mindset

PROJECT HIGHLIGHTS

Eight Scan Beta Migration
- Cross-platform Avalonia app (Win/macOS), integrated ScanSnap Web SDK

BillOne
- Modern document processing using Kotlin (backend) + React (frontend).

Kyocera Net Viewer/Admin
- Legacy desktop and web printer management tools in C#/.NET and Java.

TOOLS IN PRACTICE

- VS Code, Visual Studio, Eclipse
- Git, Github, Perforce
- Atlassian Jira & Confluence
- Firebase, SharePoint, Puppeteer

PROFESSIONAL SUMMARY

Senior Software Engineer with 9+ years of experience building scalable web, desktop, and mobile applications across enterprise and product-based environments. Skilled in full SDLC execution using agile and waterfall methodologies. Specialized in C#, .NET, Kotlin, TypeScript, and modern frontend frameworks such as React and Angular. Proven track record in system architecture, cross-platform application migration, and leading technical direction. Experienced in SDK integrations, cross-functional collaboration, and mentoring development teams to deliver robust solutions.

TECHNICAL SKILLS

Languages: C#, Java, Kotlin, TypeScript, JavaScript, SQL
Frameworks/Libraries: .NET (ASP.NET, WinForms, WPF), Angular, React Native, React, Spring Boot, Avalonia
Web Technologies: HTML5, CSS3, Bootstrap, jQuery
Databases: PostgreSQL, Firebird SQL, MS SQL, SQLite, Oracle DB
Tools & Platforms: Visual Studio, Eclipse, VS Code, Git, Perforce, Firebase, Puppeteer
Other: SOAP, WSDL, Firebase, Atlassian Jira & Confluence, MS SharePoint
Methodologies: Agile, Waterfall

EXPERIENCE

SENIOR SOFTWARE ENGINEER
Sansan Global Development Center, Inc.
MAY 2024 - PRESENT

Tech stack: C#, Avalonia, TypeScript, Electron, Kotlin, React

- Led the migration of Eight Scan Beta to a cross-platform Avalonia application, achieving native parity for macOS and Windows.
- Designed the system architecture and migration strategy, introducing modular MVVM patterns and reusable components.
- Integrated ScanSnap Web SDK via headless Chromium automation (Puppeteer) for seamless scanner connectivity.
- Defined SDK integration benchmarks and evaluated native vs. web-based performance across multiple scan workflows.
- Refactored legacy Objective-C and .NET components into clean, testable modules aligned with new architecture.
- Contributed to the BillOne product by developing backend features in Kotlin and building interactive interfaces with React + TypeScript to streamline document processing.

SENIOR APPLICATION SYSTEMS ENGINEER/CONSULTANT
Fujitsu Philippines
SEPTEMBER 2022 - APRIL 2024

Tech stack: C#, ASP .Net, Java, Spring Boot, PostgreSQL, Oracle DB

- Designed and developed web-based enterprise systems for clients such as Honda and STRIX.
- Led task allocation, code reviews, test case design, and team mentoring.
- Projects included:
  - Honda ALC System Migration: Vehicle manufacturing monitoring tool
  - STRIX: Employee skill tracking system

SOFTWARE ENGINEER III
Kyocera Document Solutions Development Philippines, Inc.
APRIL 2016 - SEPTEMBER 2022

Tech stack: C#, WinForms .NET, Java EE, Firebird SQL, PostgreSQL

- Led utility and customization projects for Kyocera MFP software, including end-to-end analysis, development, and testing.
- Mentored junior developers and participated in patent-awarded innovations.
- Notable tools:
  - Kyocera Net Viewer: Remote print device management desktop tool
  - Kyocera Net Admin: Web app for MFP monitoring
  - Remote Work Assistant – Counter: Print/scan count tracker for USB/network connected MFP

OTHER PROJECTS (FREELANCING)
June 2021 - December 2021

Chada Carwash Accounting Software
Tech Stack: C#, WPF .Net, SQLIT
Desktop application to record all business transactions.
Calculate profit/loss reports

CRMedicare
Tech Stack: React Native, Typescript, Google Cloud Firebase

Mobile application for Health insurance provider to manage customer profile and appointments

EDUCATION
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Cebu Institute of Technology - University| 2012 - 2016

HONORS AND ACHIEVEMENT
- DOST – SEI RA 7687 Scholarship
- DOST SA CIT – University Executive Public Information Officer
- 1 Approved application for Japanese Patent
- FY2021 Kyocera Philosophy Essay Writing Contest Awardee

CERTIFICATES AND COURSES
- PHIL – IT General Certification Exam (2015)
- Udemy Course - Complete Web Development Bootcamp (2022)
- Udemy Course - ASP .Net Core and Angular (2022)

REFERENCES
Available upon request*