Andry RALIJAONA
Expert Senior Delphi Developer | 26+ Years Experience

SUMMARY

Software engineer with over 25 years of development experience, possessing extensive expertise in Delphi (VCL/FMX) and database management across various sectors. Notable for implementing performance-focused custom applications, this engineer's technical proficiency also spans C#, Visual Basic, SQL, and multiple database systems. They have a strong track record in system administration and IT support, having worked with reporting tools like Crystal Reports. Holds a Diploma in Computer Program from BIG SERVICE, showcasing a solid foundation in computer science.

TECHNICAL SKILLS

Main Technical Skills	Delphi (25 yr.), SQL, Visual Basic, Pascal
Programming Languages	Delphi (25 yr.), Pascal
JavaScript Frameworks	jQuery
Data Analysis and Visualization Technologies	Crystal Reports, Power BI
Databases & Management Systems / ORM	Dbase, FireBird, Microsoft SQL Server, MySQL, PostgreSQL, SQL, SQLite
UI Frameworks, Libraries, and Browsers	jQuery
QA, Test Automation, Security	Allure Report, BDD
Methodologies, Paradigms and Patterns	BDD
Third Party Tools / IDEs / SDK / Services	Excel
Platforms	Sage ERP (Sage 300)
Other Technical Skills	DB, InterBase

WORK EXPERIENCE

Computer Scientist, Data Processing Tools

Duration: 1999

Summary: Developed tools for data processing and automation.

Responsibilities: Software development, automation.

Programmer, Data Entry Operations Software

Duration: 1999 – 2002

Summary: Developed tools for data entry operations and internal needs.

Responsibilities: Software development.

Computer Scientist, Data Management and Accounting Software

Duration: 2002 – 2008

Summary: Created tools for data entry, quality control, document scanning, and archiving, as well developed commercial and accounting software.

Responsibilities: Software development, system administration, database management.

Programmer, Data Collection and Library Management Systems

Duration: July 2008 – January 2009

Summary: Created data collection and survey software and a web-based library management system.

Responsibilities: Software development.

Technologies: Web-based technologies

Freelance Programmer, Litigation Management Software Migration

Duration: March 2009 – June 2012

Summary: Developed and migrated litigation management software from Delphi 7 to C#.

Responsibilities: Software development, database migration.

Technologies: Delphi 7, C#

Freelance Developer, Business Management Software

Duration: September 2012 – July 2013

Summary: Developed software for quotations, inventory, accounting, and HR.

Responsibilities: Software development.

Web Data Integrator – Freelance, E-commerce Data Integration Tools

Duration: December 2013 – October 2018

Summary: Designed tools for image sizing, automatic translation, and back-office processing for e-commerce website, and automated data integration and verification.

Responsibilities: Software development, data integration.

Programmer Consultant, OCR and Quality Control Tools

Duration: July 2016 – October 2018

Summary: Built intelligent OCR and database search tools, as well created delivery and quality control tools for data-entry operations.

Responsibilities: Software development, quality control.

Technologies: Delphi, SQL Full-Text

Developer, Client-Server Software Setup and Development

Duration: February 2019 – October 2019

Summary: Set up application server and developed client-server software for internal teams in France and Madagascar.

Responsibilities: Server setup, software development.

Technologies: OVH, TSE-based

Programmer Consultant, Workflow Monitoring and Mobile Apps

Duration: October 2019 – April 2021

Summary: Developed modules for workflow monitoring and mobile apps for document uploads.

Responsibilities: Software development, mobile app development.

Technologies: Mobile development technologies

IT Consultant, SAGE 100 Integration and Database Management

Duration: March 2020 – March 2022

Summary: Developed tools and queries integrated with SAGE 100, managed databases and systems.

Responsibilities: Software development, database and system administration.

Technologies: SAGE 100

Computer Scientist, General IT and Software Management

Duration: March 2022 – April 2024

Summary: Responsible for software development and maintenance, database and system administration, and IT support and troubleshooting.

Responsibilities: Software development, database and system administration, IT support.

EDUCATION

- **Diploma in Computer Programming**
- Completed a diploma in Computer Programming at BIG SERVICE.
- September 1996 – October 1998