**MINANI Jean Baptiste**

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**EDUCATION**

***Concordia University, Montreal, QC***

***PhD Studies in Software Engineering, IoT Systems Testing Ongoing***

***Carnegie Mellon University, Pittsburgh, PA***

***Master of Science in Information Technology-Mobility. December 2009***

***Vellore Institute of Technology, Vellore, Tamil Nadu, India***

***Bachelor of Technology in Information Technology May 2006***

***KEY SKILLS***

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| * Enterprise Architecture using TOGAF * Data Structures * System Analysis and Design * Programming Languages: C, Python, Java, C#, PHP, NodeJS. * Frameworks: SpringBoot * Front-End: Thymeleaf, JSP, Razor for ASP.NET MVC * Database: MySQL, Oracle, Microsoft SQL Server, MongoDB | * Project Management * Data Structures and Algorithms * IDE: Eclipse, NetBeans, XCode, Android Studio, Intellij IDEA * System Integrations: REST API * Repository: Git, and SVN * Modelling Tools: Enterprise Architect and Visual Paradigm |

**Professional Training**

* SQL-MySQL for Data Analytics and Business Intelligence, Udemy(Online).
* Microsoft Certified Technology Specialist(MCTS), .NET Framework 4
* Oracle Certified Java Professional
* TOGAF 9 and Advanced Enterprise Architecture
* Oracle DBA
* Android programming
* Microsoft Data platform using SQL Server

**Instructor/Trainer**

**Teaching Assistant, University of Rwanda June 2006- Feb 2008**

* Relational Database instructor
* C Programming Instructor
* System Analysis and Design

**Teaching Assistant, Carnegie Mellon University Africa Jun 2012- Dec 2012**

* TA for Java Instructor focusing on Labs

**Part-Time Instructor, Adventist University of Central Africa May 2011- Sep 2021**

* Relational Database instructor
* Advanced Database Programming Instructor
* System Analysis and Design Instructor
* Introduction to Object oriented Programming Instructor
* C# instructor
* Students’ Project Supervision

**PROFESSIONAL WORK EXPERIENCE**

***Team Leader, Software Biz.Division, AOS LTD, Kigali Jan 2017-Sep 2021***

* Lead all software businesses for the company.
* Leading the team for the implementation of different software projects for the clients
* Establishing strategic direction for the software business division
* Leading the research and innovation for software division.
* Liaising with various customers for different solutions, scoping and budgeting.
* Architect various software projects implemented by the company.

***Software Team Leader: Rwanda Development Board. April 2010-Feb 2017***

* Software Team leader for Document Tracking and Workflow Management.
* Supporting team various government institutions in acquiring IT solutions.
* Software Business Analyst.
* Architect for the government enterprise architecture in various institutions.

**Software Developer, Rwanda Information Technology Authority.**  **Feb 2018- March 2010**

* Software Developer, #C, MS SQL Server, PHP, MySQL, and Java.

***System Engineer: Bosch LLC, Palo Alto, CA (USA) Jan2009- May 2009***

* Designed and Implemented Body Area Network of wireless sensors
* Sent data from body sensors to wireless gateway (Nokia N95) via Bluetooth
* Analyzed data in the wireless gateway and sent them to the remote server via WIFI or EDGE technology
* Received, stored data in MySQL, and published them on website with notification of critical data to the doctors or patient caregiver using automatic email and SMS technologies used are J2EE, J2ME, MySQL, Apache Tomcat.

***Software Engineer Intern: Palo Alto Research Center (PARC), Palo Alto, CA 94043 (USA)******May –Sep 2009***

* Designed and developed the entire database for monitoring PARC network tools using netdisco tool.
* Created web based interface to access the netdisco data using PHP, MySQL, and Apache Technologies

**SOFTWARE CONSULTANT EXPERIENCE**

***Lead Software Consultant***

* Lead developer for Licensing System for REMA, Rwanda
* Lead process re-engineering for National Skills Database for RDB, Rwanda
* Lead the implementation of Gender Management Information System for [Rwanda | United Nations Development Programme - UNDP](https://r.search.yahoo.com/_ylt=AwrFD1Kr53xjY6gLAepXNyoA;_ylu=Y29sbwNiZjEEcG9zAzEEdnRpZAMEc2VjA3Ny/RV=2/RE=1669158956/RO=10/RU=https%3a%2f%2fwww.undp.org%2frwanda/RK=2/RS=C4SZ3cKDgPZORCCfKT_cYC7Q4Ak-)
* Lead the business analysis for citizen participation in planning and budgeting process for German government international aid agency - GIZ

**OTHER PROJECTS**

* Open source for humanitarian monitoring using Drupal to manage the donors and beneficiaries at Carnegie Mellon University west campus (Silicon Valley, California, USA)
* Bumps and clogs detection with moving robot mounted on SunSPOT at Carnegie Mellon University west Campus (Silicon Valley, California, USA)
* Open source software research assistant on media wiki using PHP, MySQL and Apache web server at Carnegie Mellon University West Campus (Silicon Valley, California, USA).
* Developer for online auction using Ruby on Rails, MySQL at Carnegie Mellon University, Pittsburgh, PA (USA).
* Developer for commercial web mining at Vellore Institute of Technology, India