Dr . GATETE Marcel - Resume

● P.o. Box 87 Muhanga ● Muhanga, S. Province/Rwanda ● +250784003392 ● gtmrcln@bsolutionshub.com

COMPUTER PROGRAMMING AND WIRELESS NETWORKS RESEARCH SPECIALIST

Key Skills

Research Skills and Techniques

Research Environment

Research Management

Personal Effectiveness

Communication Skills

Networking and Team working Skills

Career Management

Education

Gitwe Higher Institute of Education (GHIE)

B.SC. in Computer Science & Engineering, 2002-2007

Bharathidasan University

M.Sc. IT, 2008-2010

Prist University

MPhil in Computer Science, 2010-2011

Periyar Maniammai University

PhD in Computer Applications, 2012-2018

Research interests and consultancy:

Current interests concern research and implementation aspects of mobile networks and wireless communications systems, network protocols and theoretical and practical aspects of distributed Systems &algorithms. Senior Software Developer Team member at Bsolutionshub Ltd.

Working Experience:

2002-2008: Teacher at Secondary School (ESAPAG).

2003-2008: IT Manager at Gitwe Higher Institute of Education (GHIE).

2004: Secretary of Arbitration Committee of Students Association in Gitwe Higher Institute of Education (GHIE).

2005: Secretary of Arbitration Committee of Students Association in Gitwe Higher Institute of Education (GHIE).

2007: One-month trainer on Database Administration for College Adventiste de Gitwe (CAG) staffs.

2007-2008: Guest Teacher at College Adventiste de Gitwe (CAG).

2007-2008: Guest Assistant-Lecturer at Gitwe Higher Institute of Education (GHIE).

2012-2018: Lecturer at University of Gitwe (UG).
2019-2020: Reviewer of Elsevier Journal: Engineering Science and Technology, an International Journal (JESTECH).

2019-2020: Guest-Lecturer at University of Tourism, Technology and Business Studies (UTB).

2019-2020: External Examiner at University of Kigali.

2019-2020: Guest-Lecturer at University of Lays Adventist of Kigali (UNILAK).

Good computer skills in:

a) Microsoft Office Packages (MS Word, Excel, Advanced Excel, Power Point, Publisher, Outlook, Microsoft Access, etc.)

b) Operating System (Windows, Unix, Linux, and MAC)

c) Databases and Data Mining (dBase, Microsoft Access, SQL Server, Oracle, MySQL, sesame database manager)

d) Programming Language (Clipper, C, C++, Perl, Java, Hibernate, Visual Basic 6.0, VBA, VB.NET, Visual C#,ASP, ASP.NET, PHP, AWK, BASIC, Tcl, Tcl/tk, Otcl, Python, Swift, Go Language, Matlab, Ruby, microprocessor and Microcontroller assembly languages, automata-based programming and machine languages)

e) Network Simulation (NS2 Simulator and OPNET simulator)

f) Web Design and multimedia (html, xml, JavaScript, jquery, Json, Ajax, wireframe, SEO optimization, website hosting and ranking, CMS, VbScript, Adobe Dreamweaver, Adobe Photoshop, Adobe Flash, Adobe Firework, adobe illustrator, Maya, …)

g) Data analysis and plotting software (Excell, Spss, Stata, Gnuplot, Python Statistical Programming, etc.)

h) Accounting packages (tally erp, sage saari)

i) Special skills in wired and Wireless Networking, Computer Maintenance (desktop and laptop's hardware and software), Network Administration and Maintenance, Computer Security, Information Security and Network Security, Cyber Security, etc.

j) Internet of Things, Block chain, Voice Technology, Edge Computing, Analytics, Virtual Reality, Cloud Computing, etc.

● **Personal Goal:** Giving my best for making the society better ● **Professional Goal:** Good service at the right time

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