# Marcel Gatete

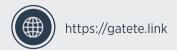


# Senior **Software Engineer**



+250 789 759 638





I'm Marcel Gatete, a seasoned software engineer with over a decade of experience crafting elegant, functional, and user-centric digital experiences. I also have acquired experience leading software development teams through different roles over the years.



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#### EDUCATION

# BACHELOR OF SCIENCE IN ELECTRICAL & COMPUTER ENGINEERING

California Baptist University | 2008 - 2012

8432 Magnolia Avenue, Riverside, California, USA



### PROFESSIONAL EXPERIENCE

#### Tech Lead

Bank of Kigali Techouse | Jan 2023 - Present

Lead a team of developers who build and maintain UrubutoPay Payment Gateway, processing over 50B Rwf in transactions in a year.

Designed architecture and implemented new features, improving system scalability by 30%

Developed BK Capital's digital customer portal, automating KYC and transaction requests, reducing onboarding time by over 40%.

#### Senior Full-Stack Developer

Bank of Kigali Techouse | Aug 2021 - Dec 2022

Spearheaded frontend team in revamping Smart Nkunganire System (Rwanda's agri-input value chain management system) (SNS v.2), enhancing user satisfaction and engagement.

Implemented a custom middleware service integrating SNS with third-party systems, ensuring real-time data

#### Web & Software Developer

Butterfly Konnect | Sept 2012 - Feb 2018

Developed and maintained web applications for clients like Cogebanque and Bank of Kigali, improving company's client retention.

Led frontend and backend development for NPD's project, delivering a 20% increase in user and customer engagement and retetnion.

#### Early Experience

California Baptist University | Sept 2010 - May 2012

I worked as a Peer Advisor for the Office of Enrollment, assisting students with online enrollment, degree planning, and record-keeping.

I served on the CBU Leadership Team as an International Student Assistant, supporting new international students with orientation and cultural adjustment.



#### AWARDS

- Rwanda Presidential Scholarship to California Baptist University
  2008
- Who's Who Among Students in Am erican Universities & Colleges 2008 - 2012



#### TECH SKILLS

## TS

#### Languages

TypeScript JavaScript Python C++



#### Frameworks

Node.js Bun.js Express.js Hono.js React.js React Native Next.js TailwindCSS



#### **Databases**

PostgreSQL MongoDB Redis MySQL



#### Tools

Docker Prisma Sequelize Socket.io Figma



#### **Project Management**

Agile Methodology Jira Notion



#### Soft Skills

- Team Leadership
- Problem Solving
- Attention to detail



# **PROJECTS SPOTLIGHT**

BK Techouse

#### **Smart Nkunganire Sytem**

Led the frontend team to restructure, revamp and modernize the platform's user interface and experience

Drove the implementation and reviewed source code of my peers

Implemented a custom middleware service that integrates SNS with an external third party for data sharing and synchronous updates.

Project Link: https://smartnkunganire.rw

BK Techouse

#### **UrubutoPay**

Led a team of developers who build and maintain UrubutoPay Payment Gateway

- Architected and implemented new features and improved the systems schalability by 40%.
- Drove the implementation and reviewed source code of my peers

 $\underline{Stack} : \textbf{TypeScript . NodeJS . Redis . PostgreSQL. NextJS.} \\ \underline{\textbf{TailwindCSS}}$ 

Project Link: https://urubutopay.rw

RK Techouse

#### **BK Capital Online KYC Portal**

I architected and engineered BK Capital's online KYC and transactions management portal.

Implemented NIDA integration module to validate customer data.

Implemented UrubutoPay integration to enable and digitize customer contribution collection as well as shares and bonds purchases.

<u>Stack</u>: TypeScript . NodeJS . Redis . PostgreSQL. NextJS. TailwindCSS

Project Link: https://onboarding.bkcapital.rw

OANA Clinics

#### **CareLogic: Smart Clinic Management**

I planned, architected, implented and deployed a robust clinic management system

Implemented a visual drag & drop appointment scheduler

Implemented real time notifications and alerts for patients and doctors.

Records and medical history management

Real time analytics and reporting

Stack: TypeScript . NodeJS . Redis . PostgreSQL. NextJS.

TailwindCSS . SocketIO

Project Link: https://usecarelogic.com

Kanda Apps Ltd

#### **Kazispace: Al Job Matching & E-Recruitment**

Designed and built an Al job matching algorithm for formal and informal workers.

Designed and built candidates AI screening algorithm for employers

Designed and built a full-fledged hiring process and stage management.

Implemented a real-time messaging (chat) module

Implemented real time notifications and alerts

Real time analytics and reporting

<u>Stack</u>: TypeScript . NodeJS . OpenAI . Redis . PostgreSQL. NextJS. TailwindCSS . SocketIO

Project Link: https://kazispace.com