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https://gatete.link

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.



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 retention.

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 American Universities & Colleges 2008 - 2012



TECH SKILLS



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.

Stack: **TypeScript . NodeJS . Redis . MongoDB . ReactJS . TailwindCSS**

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 scalability by 40%.
- Drove the implementation and reviewed source code of my peers

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

Project Link: <https://urubutopay.rw>

BK 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.

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

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

OANA Clinics

CareLogic: Smart Clinic Management

I planned, architected, implmented 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: AI Job Matching & E-Recruitment

Designed and built an AI 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

Stack: **TypeScript . NodeJS . OpenAI . Redis . PostgreSQL. NextJS. TailwindCSS . SocketIO**

Project Link: <https://kazispace.com>