Richard Paulo Pereira Lopes

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Maputo, Moçambique

EXPERIENCE

March 2022 - Present

Full-time .NET Full-Stack Developer 40h/week, Standard Bank, Moçambique

* Diminished loading time of some queries on mobile and internet banking apps from 8-10 seconds to < 3 seconds by caching customers data from the core-banking system
* Wrote and reviewed Java code to retrieve, store and expose (through an API) data from the core-banking system
* Defined with the data team the data to be cached
* Rewrote mobile and internet banking apps to consume, when possible, data from the cache and not the core-banking system thus reducing the loading time to about 1/3
* Developed test cases and identified appropriate testing methodologies
* Led the development of new functionalities of the workflow application responsible for handling of international payment instructions MT103(inbound and outbound)
* Owned the product roadmap and vision for the platform, driving its development and evolution
* Championed anti money laundry (AML) / combating the financing of terrorism (CFT) compliance within the system, ensuring adherence to central bank regulations
* Effectively redesigned processes workflows to ensure their completion within 24h from time of submission
* Wrote and reviewed code for the ASP.NET Core web application and its integration with the core-banking and relevant systems
* Resolved all production issues

July 2020 – February 2022

# Contractor Software Developer 40h/week, **Standard Bank, Moçambique**

* Streamlined bill payments for essential services (water, electricity, internet, taxes), driving convenience and accessibility to more than 50 thousand of Standard Bank’s active mobile and web app users
* Ensured alignment of the project’s solution design with the overall architecture principles of Standard Bank
* Collaborated with financial and banking specialists to design and implement efficient transaction handling procedures
* Wrote and reviewed Java code to integrate Standard Bank’s core-banking, mobile and web apps with the providers systems
* Led the integration of a platform for management of prepaid and credit cards
* Built strong relationships with key contacts at the cards management platform provider, VISA, and the Central Bank, ensuring efficient problem resolution and ongoing collaboration
* Wrote and reviewed Java EE code to integrate Standard Bank’s core banking systems with the provider’s platform, mobile and web banking apps. Allowing customers to view balance and statements, repay loans in advance, and load their prepaid cards with money from their bank accounts
* Configure the shared drives to deliver the daily, weekly, and monthly reports from the providers platform to the teams of interest

October 2017 – July 2020

# Software Developer, **Lotus Computers Lda., Moçambique**

* Drove end-to-end software development for public sector projects, partnering seamlessly with a single teammate to manage all SDLC phases
* Gathered requirements
* Elaborated design documents
* Wrote and reviewed .NET and JavaScript code
* Created MSSQL databases
* Managed production and testing Windows environments
* Supported users

February 2017 – July 2017

# Software Developer, Instituto de Tecnologia de Informação e Serviços Lda., Moçambique

* Collaborated closely with stakeholders in two libraries to understand their needs and create a platform to their unique operational requirements
* Wrote and reviewed ASP.NET and JavaScript code
* Supported testing
* Supported users

education

## Bachelor’s degree in software engineering (2 out of 4 years completed), **Universidade São Tomás de Moçambique**

Postsecondary technical degreein computing, **Instituto de Transportes e Comunicação**

SKILLS

* .NET Core
* C#
* Java
* Docker
* Agile
* Project Management
* Git
* SQL
* AWS
* CI/CD
* Node.js
* REST API
* Java EE

Languanges

* English (Excellent proficiency)
* Portuguese (Native)