

Julius Peter Oketayot
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Experience

Software Developer at Xente Tech Limited, Kampala, 5/2019 – 1/2020

I was in the team which developed Xente Payment Gateway and its SDKs in various programming languages (C#, PHP, JavaScript and Java). The Xente Payment Gateway is web API that allows customers to integrate their applications so that they can receive payments using mobile money and Visa. It is kind of similar to Stripe and PayPal.

- I faced quite a number of challenges with software designs and architecture, token-based authentication and adapting with new programming languages.
- Developed the developer portal for Xente Payment Gateway for account management
- Built and deployed software Software Development Kits (SDK) for the payment gateway in Java, PHP, JavaScript and C#
- Maintaining the SDKs and the developer portal for continuous improvement
- A lot of companies have tested and integrated their web-based applications to the Xente Payment API for receiving payments using mobile money

Software Developer Intern at Refactory Uganda, Kampala, 1/2019 – 1/2020

- Developed loan calculator and Toyota Sales Application using JavaScript (NodeJs), HTML, CSS and MySQL
- Developed Junior Baby Center employees' management application. This application is used as a collaboration tool among administrators, supervisors, baby sitters and the parents in order for the organization to take care of the babies well

Education

Clarke International University Uganda, Kampala

Accelerated Learning Certificate in Software Engineering, April/2019
GPA 89.4/100

Kyambogo University Uganda, Kampala

Bachelor of Science in Chemical Engineering
GPA 4.38

Technical Skills

- Front-end technologies: JavaScript, HTML/CSS, Angular, Bootstrap, jQuery, Web Pack
- Back-end technologies: Spring Boot with Java, NodeJs, Asp.Net Core, Django, and MongoDB
- DevOps: Containerization with Docker, Jenkins, SonarQube, Maven, Nexus, Azure

Projects

Xente Payment Gateway, December/2019

I am among the team which developed Xente Payment Gateway which consists of the web API, developer portal and the Software Development Kits (SDKs) to help someone to easily integrate their applications to start receiving online payments

E-commerce Application, 1/2020

I also developed an online shopping application using Angular, ASPNET Core and NodeJs . The application has features like catalog, cart, checkout, administration dashboard etc.

Imuka Access, September/2019

I developed some of the API endpoints for authentication and other functionalities for an application called Imuka Access which connects startup entrepreneurs to appropriate investors for business funding. I used Laravel a PHP framework and Angular front-end framework.