LIVE BETTER

Position:	Mid-Level Software Developer
Location:	Cape Town
Company:	Yellow
Website:	www.yellow.africa

About Yellow

Yellow is a tech start-up making life better for everyday households in Africa.

We provide solar-powered electricity and smartphones on instalment at an affordable price to households across Malawi, Madagascar, Rwanda, Uganda and Zambia. We operate through a network of agents and merchants to meet the challenges of last-mile distribution with technology, through our in-house developed platforms.

We take pride in building great technology and developing exceptional business models to deliver value to our low and middle income customers across the African continent.

We see last-mile distribution as the major impediment to low-income customers in Africa accessing the technologies available to make their lives better, and apply our focus to solving these challenges.

Your Mission

We are looking for a multi-skilled builder that is technically strong and with a commercial drive. To start you will be based in the merchant business being accountable for the customer application, customer payments app and strategically and commercially important objectives.

The mission of a Yellow Developer is to:

1. Understand the primary commercial imperatives
2. Envision the technology that will support the commercial imperatives with feedback from the in-country operations teams and sales network
3. Design, build, test, maintain and manage robust software solutions to enable the operations team to achieve their jobs and ultimately the companies objective to serve customers

The role is multi-faceted in that it involves far more than pure software development. We are looking for a candidate with rigorous and structured thought, and the discipline to

deliver exceptional tech projects, but with an interest in learning business, finance and operational skills.

The focus in the short-term would be the technology in our new business financing smartphones at point of sale. You will rapidly expand and improve the feature set in the customer's mobile application, as well as automate steps in the credit and sales process.

This role extends to mentoring junior developers to achieve their same goal. You will support them in embedding healthy code practice and principles. In the early project phase, this means architecture, data model and interface design, and in the implementation phase with review, release planning and execution.

Our team is primarily composed of young computer scientists and engineers who combine a strong aptitude for software development with astute commercial thinking and ability to lead teams of people to overcome operational challenges.

About Our Working Culture & Values

Our team is young and hard working. We value down time and flexibility. We focus on outputs rather than hours in the office, but we also believe that we have a unique opportunity at Yellow and we work very hard to meet the high standards we set for ourselves.

We are low thrills and are careful custodians of money and resources. We love to travel to the countries we operate in and whenever we do, we make time to explore, but we do this, as with everything else, on a lean budget, cognisant of not diverting resources away from our customers, and our mission.

We value resilience and self-reliance. Though we constantly organise ourselves to tackle problems in teams and ruthlessly support one another, we also believe that building independence and self-reliance in the face of challenges is an important part of growth.

We believe that long-term sustainability is a worthwhile goal. Whether in one's personal life, from a business perspective, in relationships, or in the environment, we believe that prioritizing long term benefits over short term wins is a good strategy. As such, we aim for balance, and slow, steady and disciplined progress in all that we do.

Basic Requirements

- A desire to achieve commercial outcomes. You'd possibly like to start your own company in future.

- 2+ years of professional software development experience working with at least one modern language such as Java, Typescript, C++, or C# including object-oriented design
- Strong knowledge of databases, data structures, algorithms, REST and modern architectures
- Experience in delivering mobile applications or serverless applications
- Ability to take a project from identifying objectives, defining the testing plan, implementing testing all the way through to actual launch of the project and ongoing monitoring of the performance of the project.
- Excellent leadership, verbal and written communication skills
- Ability to work well with people and be both highly motivated and motivating.

Preferred Requirements

- Experience using Amazon Web Services, including Lambda, API Gateway, and load balancing
- Experience with Flutter or other modern front-end frameworks
- Track record of building and delivering mission critical, 24x7 production software systems
- Knowledge implementing collaboration tools and CI/CD pipelines for source control management, build, testing, release and and operations.
- Strong analytical skills with excellent problem solving abilities