



SWITCH

Job Title	Front-end software developer
Location	Kalk Bay, Cape Town (remote / hybrid with motivation)
Start	Immediate
Terms	Full-time (3 month probation)
Salary	Market Related

// Company Overview

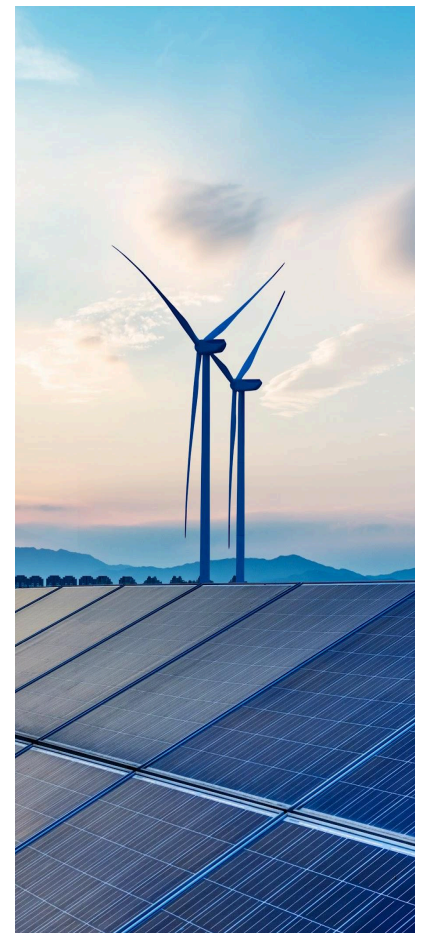
[Switch](#) is a tech company that offers software and hardware solutions for water and energy management. We specialise in smart metering and energy trading solutions.

Our mission is to build disruptive tech to accelerate a sustainable future.

Our smart metering product allows administrators to manage meters, monitor utility usage and facilitate billing and revenue collection. The Switch mobile app enables end users to pay for utilities and view live usage. Our energy trading product is designed for large scale management of electricity wheeling through the national grid. As the South African energy market opens to the private sector, Switch is at the forefront of providing cutting edge software solutions to Independent Power Producers and energy traders.

The goal is to be an industry standard software solution for managing smart metering and energy trading.

The energy trading industry is new and rapidly evolving, with that, our products and software require constant creative input and adaptations.



// Job Description

We are looking for a driven, front-end software developer to help us build, maintain and improve our smart metering and energy trading platforms.

We have a strong start-up culture, meaning that we develop fast and often without strict guidelines.

The role will predominantly be UX / UI focused with a basic design component. Engagements with clients are not expected but if the candidate wishes to be more client facing that can be facilitated.

// Details



32 hours a week (Monday - Thursday)



Must be online and available from 09:00 to 15:00 from Monday - Thursday, and can work flexibly for the remaining hours



Ideally onsite in our beautiful offices in Kalk Bay, Cape Town but hybrid / remote workers will be considered if a strong application is provided



Daily standups, a weekly team meeting and a weekly review session are mandatory

// Technical Qualifications

- Strong proficiency in TypeScript & JavaScript (ES6+)
- Working knowledge of HTML / CSS
- Deep understanding of React.js
- Working understanding of RESTful APIs
- Proficiency in UNIX based systems and using terminal commands

- Knowledge and understanding of CI/CD pipelines and functional / non-functional testing methodologies
- Experience in graphical UI interfaces (such as graphs, reporting dashboards, analytics, etc)

// Design Qualifications

- Familiarity in a design suite (such as Canva / Figma)
- Basic knowledge of image & vector editing software (Adobe / GIMP)
- Knowledge of color theory and best typography principles
- Understanding of responsive design

// Nice to haves

// Industry

- Prior experience in the metering / utilities / energy sectors
- Understanding of smart metering systems
- Basic understanding of utilities and tariffs
- Up to date with the developments of the South African energy system

// Skills

- Experience with React Native
- Strong creative skillset (eg knowledge of Adobe or other artistic tools)
- Experience working with IoT platforms
- UI/UX skills pertaining to 3D design, GIS or animation



// Soft requirements

- **Self managing** - Team members are expected to give updates on successes, blockers and requests for support unprompted. Help, input and collaboration will always be a priority in the team but all members are expected to have ownership of their work.
- **Proactive** - All team members are encouraged to critique the platform, think of improvements and give feedback on the work of others.
- **Good communication** - If the crew don't communicate about leaks in the boat, the ship will sink. Switch team members prioritise listening to each other's challenges and insights. Prompt responses to messages and email are expected during dedicated online hours.
- **Inclusive** - South Africa is beautifully diverse and Switch aims to represent that.
- **Professionalism** - It's important that team members treat their work and others with respect.
- **Sense of humor** - We want to build a team that doesn't take life too seriously and we'd love you to join us in having a laugh!

// How to apply

If you are interested please send us your CV as a PDF attachment along with a letter of motivation to info@switch.org.za with the subject line "Switch front-end position - Your Name" and we will get back to you.