

Operations Engineer (Cape Town)



Location: Cape Town, office based

Timing: Full-time or internship role, starting as soon as possible. Applications reviewed on a rolling basis. Vacation work positions available for third year and final year engineering students.

About Plentify

[Plentify](#) is a smart energy company that makes affordable, reliable and clean electricity a reality for all.

Our team fuses advanced hardware, artificial intelligence and user-centric design to create smart home products that delight our customers and strengthen electricity systems for everyone.

Our flagship product, HotBot, eliminates loadshedding and enables renewable energy by connecting electric water heaters to cheaper, cleaner energy, and is actively being deployed by the largest insurers, banks and municipalities in South Africa.

Plentify is a multi-award winning startup, including the 2018 African Entrepreneurship Awards and 2022 Southern African Startup of the Year (Global Startup Awards). We're graduates of Echoing Green and the URBAN-X Accelerator. We are backed by several prominent investors, including the #1 early stage climate tech VC in North America and one of the largest real estate owners in SA.

Our team includes hardware engineers, software engineers, data scientists, designers, product managers, growth specialists, and an operations team. Among us are the former leaders of Google's Africa energy business, Vitality's North American insurtech business, IBM Research's African energy team, Tesla Energy's Europe, Middle East and Africa business, and engineers who have built IoT systems deployed in the millions.

About the role

The Operations Engineer will leverage his/her/their skills across many areas, including:

- Technical assembly: assembling PCBs, enclosures, cables and sensors. Bench testing and troubleshooting hardware.
- Manufacturing oversight: Supporting our mass production efforts including building test jigs, managing suppliers and the production line, maintaining production manuals and quality assurance
- R&D: building prototypes and deploying and monitoring field experiments to improve our product
- Field operations: monitoring our fleet of devices, troubleshooting and resolving issues in the field and supporting customers
- Deployments: project management of deployments, training and supporting installation teams remotely and on site
- Internal operations: assisting in creating a seamless and scalable operation

The candidate will have the opportunity to learn from a strong team in a fast-paced environment and will get exposure to a wide range of disciplines. The role is based out of our office in Salt River, Cape Town. Some after hours support will be required on a rotational basis as well as frequent travelling to sites, including occasional out of town travel. Own transport and a valid driver's licence is required for full time positions.

Required skills and qualifications

- Bachelor of Engineering in electronics, mechatronics or similar. Third and final year students may apply.
- Understanding of electronics and hardware debugging skills
- Experience with oscilloscopes, logic analysers, multimeters and other test equipment
- Good soldering skills, both throughhole and surface mount
- Very strong attention to detail, good communication and an ability to self manage
- Thorough and considered approach to problem solving and technical troubleshooting
- Programming skills are an advantage

How to apply

Email your cover letter, resume, and academic transcripts (all in PDF format) to careers@plentify.co.za being sure to highlight your interest in our mission and your relevant qualifications and experience.