

Lead Developer – React Native / AI / IoT

About Ambient Works

Ambient Works is redefining air quality monitoring with **Ambient One**, a modular and portable air quality sensor designed for longevity. Following the successful completion of our Kickstarter campaign, we are now focused on delivering an exceptional experience to our backers through a robust and engaging mobile app.

Role Overview

We are looking for a **React Native Developer** to join our team on a part-time basis (flexible arrangements available). Your primary responsibility will be to develop and optimise the **Ambient One** app, ensuring a great user experience, strong data visualization, and support for accessibility.

Responsibilities

- **Develop and optimize** a React Native mobile app, with potential future expansion to the web.
- **Implement data visualization** features (charts, graphs) to present air quality insights, aligned with our custom design.
- **Refine backend architecture** to efficiently handle and store sensor data from IoT devices via Wi-Fi.
- **Enhance performance and UI/UX** based on user feedback and real-world testing.
- **Collaborate closely** with the hardware team to ensure smooth data flow between sensors and the app.
- **Identify and resolve bugs**, conduct testing, and iterate rapidly as we prepare for product launch.

Required Skills

- Experience with **React Native** (Expo and native modules are a plus).
- Experience with **backend development** (database structuring, API integration).
- Proficiency in **data visualization libraries** such as Recharts, Victory, D3.js or others.
- Familiarity with **MQTT, AWS IoT Core** and **Amplify** or similar backends.
- Understanding of **AI/ML models** for recommendations and predictive analytics.
- Ability to work independently in a fast-moving startup environment.

- Strong **UI/UX instincts** to build an intuitive and responsive app.

Bonus Skills

- Experience working with **Bluetooth Low Energy (BLE) in React Native**.
- Previous experience in **hardware or IoT projects**.
- Interest in **environmental tech and data-driven design**.

Why Join Us?

- **Make an impact** – Play a key role in launching a product that helps people understand and improve their indoor environment.
- **Collaborate across hardware and software** – Work on a multidisciplinary team at the intersection of IoT, AI, and UX.
- **Creative and technical ownership** – Help shape the final product with your ideas and expertise.
- **Flexible work options** – Remote or hybrid opportunities available.

Location: London / Remote

Job Type: Part-Time

Salary: £30,000–£40,000 (pro-rata based on part-time hours)

How to Apply

Send us a brief intro, your CV and GitHub/portfolio, to hello@ambientworks.io