



## **Job Role – Technical lead – STUDIO MEINECK**

Opportunity to become an integral part of the social design company STUDIO MEINECK residents at the Pervasive Media Studio, Watershed, Bristol.

This year we are launching our first product Music Memory Box, an innovative electronic product for people with dementia and their families, and we are looking for an enthusiastic, organised and collaborative technical lead.

The prototype has already been a finalist in the National Dementia Care Awards in the most innovative dementia product category; been showcased at leading trade shows and has many people interested in pre-ordering the product.

We are looking for someone to join the team with experience in making electronic products.

### **WHO WE ARE:**

Studio Meineck is an award winning design studio, which specialises in designing with people rather than for people. Working closely with charities, academics and arts organizations, we facilitate workshops with a view to giving a voice to vulnerable groups in society. Drawing on the discussions enabled by these workshops and an approach that blends craft, technology and social design, we work towards tackling the problems that these groups face by developing carefully considered products. The Studio was founded by designer and entrepreneur Chloe Meineck, who has developed this specialist approach to co-design on a number of design, craft and technology residencies, working in partnership with organisations such as the Design Museum, Crafts Council and KIITO in Japan.

### **THE PRODUCT:**

Music Memory Box is a personalised, multi-sensory tool for reminiscing for people with dementia and their loved ones. Making use of the special capabilities of music in dementia care, Music Memory Box uses RFID tags which allows objects to trigger different songs or sounds that relate to the user's past. Studio Meineck has worked alongside people living with dementia and their loved ones to co-design a product that will help them to recollect, reminisce and reconnect. The product won the Blueprint award for Design 2015, the Most Innovative Product Prize at Brighton Enterprise Awards 2013, and Winner for Bright Ideas Competition Engineering Network in the South West 2014.

### **Required Skills:**

- Competent knowledge of hardware and software development. Current software is an embedded linux system and the software is JavaScript (NodeJS).
- Component Sourcing and managing Bill of Materials
- Experience of designing and assembling electronics for short run production runs.

- Suitable level CAD experience for designing housing and integrated electronics within products.

### **Desirable skills:**

- Experience in converting prototype code into production code.
- Experience of CE licensing, and taking software/ hardware to commercial manufacture.

### **Time Commitment and wage:**

Initial flexible working is offered to support freelancers and other portfolio commitments. Full time contractual work will be offered subject to mutual agreement, work plan and work load. Wage/day rate dependant on experience, minimum of £150 p/day.

### **Stages:**

Phase 1: Analyse existing Music Memory Box hardware and software. Solve current issues we are having with electronics. (3-4 days work estimate)

Phase 2: Working with Studio Meineck develop a work flow plan and carry out the work from new PCB to batch manufacture, design integration with box and manage component sourcing and BOM. (10 days work estimate/ could be ongoing)

### **Studio Meineck are looking for someone that is:**

Open to collaboration, organised with good communication skills.

High technical abilities combined with creative technology understanding.

Experienced in using clear and transparent working systems, with relevant supporting documentation.

Enthusiastic, ambitious and committed to making Music Memory Box successful.

**If you are interested please send a CV and cover letter to [info@studiomeineck.com](mailto:info@studiomeineck.com), with the subject line of 'technical lead'.**

**Deadline for applications 14<sup>th</sup> October at 7pm.**