

**April 2021**

ROLE	Project Engineer – Medical Devices
LOCATION	Head Office, Chesham, Buckinghamshire, UK
REPORTING TO	Senior Design & Development Engineer, Head Office, UK
HOURS	Full time, but flexible hours
MONEY	£45,000 - £50,000

**THE COMPANY:**

THOR Photomedicine is a fast growing (35+ people, \$10M+ t/o) medical laser (Photobiomodulation) company in Chesham, Buckinghamshire. There is a US subsidiary based in the United States. THOR has a huge world-changing ambition and an enthusiastic workplace environment.

See the CEO's speech at the United Nations and US congress to understand what THOR does; [THORlaser.com](http://THORlaser.com)

**THOR's CUSTOMERS AND RESEARCH PARTNERS INCLUDE:**

Harvard Medical School	Manchester United	St Jude Children's Hospital
Harvard School of Public Health	Philadelphia Eagles	Royal Children's Hosp (Melbourne)
Massachusetts General Hospital	Toronto Raptors	Albert Einstein University, NY
US Navy Seals	Phoenix Suns	Hebrew University of Jerusalem
US Airforce	LA clippers	Tel Aviv University
US Special Operations Forces	UFC	University of Sydney
British Army	Buffalo Bills	Universitat Barcelona
Royal Airforce	Arizona Cardinals	University of Texas
Royal Navy	Detroit Lions	University of New York
NHS	Washington Redskins	Veterans Affairs Hospitals
BUPA	Nike Oregon project	Hollywood celebrities

## **CONTEXT FOR WORKING WITH THOR**

THOR helps humankind live effective, worthwhile, healthy, happy lives whilst maintaining the species and taking care of the planet we live on.

THOR's contribution is as follows:

### **MISSION**

Heal and relieve pain

### **VISION**

Photobiomodulation in every department of every hospital, every doctor's office, every home, every sport and wellness centre.

### **VALUES**

Our decisions and actions must work for all stakeholders:

- Customers
- Suppliers
- Employees and their families
- Shareholders
- Our community and the rest of humankind
- We will be professional, honest and fair in all our dealings

## **ATMOSPHERE**

We are all dedicated and excited by the benefits our product provides, we are good natured, cooperative and focused on achieving our long-term vision.

## **ROLE OVERVIEW:**

Project support for new and existing products, within the requirements of THOR's Quality Management System. This includes, feasibility, planning, design, verification, validation, design transfer, and release.

## **ESSENTIAL DUTIES & RESPONSIBILITIES:**

### **New product**

Work with team(s) to produce, in accordance with the THOR Quality Management System

- Feasibility reports
- Risk analyses
- Design briefs
- Project plans
- Design inputs, outputs & reviews
- Design verification plans, protocols and activities
- Design validation plans, protocols and results
- Design reviews
- Production build and test documentation

### **Existing products**

Work with team(s) to support:

- All departments within THOR

- Customers
- Completion of Product Change Requests

#### **KNOWLEDGE, SKILLS & EDUCATION TO BE SUCCESSFUL IN THE JOB:**

**Education Required:** Minimum, Bachelor's degree in an engineering discipline.

**Years of related experience:** Minimum, 3 years in the medical device/medical service industry.

#### **REQUIREMENTS:**

Minimum 5 years of product design and/or development experience. In addition, knowledge, or skills, related to the following is an advantage.

- Leadership
- Communication (written & verbal)
- Quality Management Systems
- Product safety standards
- Analogue and digital electronics
- EMC
- Thermal management
- Optics
- Embedded microcontrollers
- PCB design
- SolidWorks

#### **PHYSICAL AND OTHER REQUIREMENTS:**

- Travel is required occasionally for this position
- Ability to sit and use a computer for extended periods of time; ability to answer phones and utilise a variety of office equipment

#### **THE COMPANY:**

THOR Photomedicine Ltd (UK) and its wholly owned US subsidiary, THOR Photomedicine, Inc (USA) are the designers, developers and manufacturers of a broad line of Laser Therapy and Light Therapy devices sold worldwide into a variety of both human and animal therapy channels. Used primarily by doctors, nurses and therapists THOR is widely acknowledged as the leading company in this new medical field.

THOR absolutely provides fair and equal employment opportunity for all associates and job applicants REGARDLESS of race, colour, religion, national origin, gender, sexual orientation, age, marital status or disability. We hire and promote individuals solely based on their competence as it relates to the job to be filled.

Compensation is commensurate with experience.

#### **HOW TO APPLY:**

Contact Sandy Saggs, Operations Manager - [careers@thorlaser.com](mailto:careers@thorlaser.com)