



Date July 2026

SUMMARY

ROLE	Graduate Project Engineer
LOCATION	Head Office, Amersham, Bucks
REPORT TO	Manufacturing Engineer
HOURS	Full time, but flexible hours
MONEY	Negotiable, depending on experience

WHY JOIN THOR?

THOR Photomedicine is a global leader in Photobiomodulation (PBM) technology, working with the NHS, leading research institutions, and elite sports teams. We offer a dynamic and mission-driven environment, shaping the future of healthcare through light-based innovation.

THOR's CUSTOMERS AND RESEARCH PARTNERS INCLUDE

Harvard Medical School	Manchester United	St Jude Childrens Hospital
Stanford School of Medicine	Philadelphia Eagles	Royal Childrens Hosp (Melbourne)
University of Pennsylvania	Toronto Raptors	Albert Einstein University, NY
Memorial Sloane Kettering	Phoenix Suns	Hebrew University of Jerusalem
US Navy Seals	UFC	University of Sydney
US Airforce	Buffalo Bills	Universitat Barcelona
US Special Operations Forces	Arizona Cardinals	University of Texas
British Army	Detroit Lions	New York University
Royal Airforce	Washington Redskins	Veterans Affairs Hospitals
Royal Navy	Nike Oregon project	Tel Aviv University
NHS	LA Clippers	Sick Kids Hospital

CONTEXT FOR WORKING WITH THOR

THOR helps humankind live worthwhile, healthy and 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

VALUES

Our decisions and actions must work for all stakeholders

- Customers and patients
- 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 excited by the benefits our products provide and are focused on achieving our vision.

ABOUT THE ROLE

This is an entry-level role within the Design & Development team, providing an excellent opportunity for a graduate to gain hands-on experience in design engineering within the medical device industry.

As a Graduate Project Engineer, you will work alongside experienced Design Engineers to support the development, improvement and maintenance of innovative medical devices. This role provides an excellent opportunity to gain hands-on experience in product design, design control and project engineering within a regulated medical device environment.

KEY RESPONSIBILITIES:

- Assist the engineering design changes to existing products.
- Support the planning and execution of product developments projects.
- Prepare and maintain engineering documentation in accordance with the company's design control procedures.
- Participate in design reviews and project meetings.
- Support testing, verification and validation activities.
- Assist with prototype builds, production trials and engineering investigations.
- Work collaboratively with Manufacturing, Quality and Regulatory teams where required.
- Maintain accurate engineering records and documentation. Documentation may include:
 - Feasibility studies and reports
 - Risk management activities
 - Design briefs
 - Project plans
 - Design inputs and outputs
 - Design reviews
 - Design verification plans, protocols and reports
 - Design validation plans, protocols and reports
 - Production build documentation
 - Test methods and reports

Full training and ongoing mentoring will be provided to support the successful candidate in developing the technical knowledge and practical skills required for the role.

DESIRED SKILLS TO BE SUCCESSFUL IN THE JOB

Minimum Education and Experience:

This is an entry-level role, previous work experience is desirable but not required.

Bachelor degree in Mechanical Engineering, Biomedical Engineering, Product Design, Manufacturing Engineering, or a related engineering discipline.

REQUIRED SKILLS:

- Degree (or expected degree) in Mechanical Engineering, Biomedical Engineering, Product Design, Manufacturing Engineering, or a related engineering discipline. Strong motivation to develop skills and experience in a medical device design engineering environment.
- Flexible approach with a willingness to support a variety of engineering and project activities.
- Proficiency in Microsoft Office (Microsoft Word, Excel, and PowerPoint).
- A proactive attitude with a keen eagerness to learn, ask questions, and take initiative.
- Self-motivated with a positive and professional attitude.
- Strong analytical and problem-solving skills with excellent attention to detail. Effective communication skills, both written and verbal.
- Experience with CAD software is advantageous but not essential.

OTHER MATTERS

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

Applicants who can prove they have the legal right to work in the United Kingdom will be considered for the role. However, applicants should be aware that, whilst all qualifying applications will be considered, priority will be given to applicants who fit the requirements listed and are already living in the United States.

Email: careers@thorlaser.com