



# Careers at 7thSense

## Product Engineer

### Who is 7thSense?

7thSense Design Ltd is a privately owned creative software and technology solutions company with offices in Sussex, Detroit and Orlando. Established in 2004, we specialise in advanced Media Serving for markets such as Theme Parks, Planetaria, Live Events, 3D Entertainment Theatres and Visitor Attractions.

With our in-house developed Delta™ Media Server and Juggler Pixel Processor products, we provide high quality solutions within a variety of prestigious facilities. These include the majority of the big-name Theme Parks, many famous Museums, Digital Planetariums, 3D Theatres, UK airports, Live Events and more. We also have a big customer base in the Digital Signage and Live Events market.

### About the Role | Who are we looking for?

Due to our increasing success and growth and our commitment to ongoing product improvement along with the introduction of new products, we are creating a new role of Product Engineer within our engineering team, reporting directly to the Product Manager.

The role will involve:

- Manage the non-software design elements of 7thSense products, working with the internal engineering team and external suppliers where appropriate
- Carry out project management activities as this relates to product development and product introduction milestones
- Managing suppliers for the complete product, but with a focus on close support of electronic PCB design activities.
- Reviewing designs, providing feedback and leading internal discussions to facilitate good design decisions
- Ensuring good engineering practice is followed when creating/managing internally or externally generated schematics/drawings, documents and certification data, following the procedures as defined by the development team, documenting procedures and improving them as required.
- Provide technical input into potential improvements of existing and future products
- Provide support to software developers, marketing, sales, systems & support engineers and other team members in the context of Product Engineering
- Suggesting improvements based on your own experience and customer feedback is a natural part of this role also and is something we encourage as a business.
- You will be expected to work on a varied range of tasks as required to support the overall objectives of the department and team
- The candidate should be comfortable working alone or as part of a small team, and there may be some limited travel involved to customer sites both in the UK and abroad. This will include assisting in tasks such as end-user training and sales and demo support.



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### **Mandatory Technical Skills and Experience | The 'Must-Have's**

Candidates must have experience in the following areas:

- University degree in a relevant engineering discipline, or equivalent experience
- Innovation is at the core of all our products so demonstrated lateral thinking abilities coupled with proven technical engineering skills are essential for this position
- A switched-on and enterprising individual with excellent analytical and problem-solving skills
- Proactive attitude and ability to work on your own initiative
- Experience of PCB design, oversight of manufacture and integration of PCB designs
- Self-confident with good client and customer facing skills and the ability to effectively present technical information
- Ability to explain complex technical concepts to non-technical team members
- Great attention to detail and strives to achieve perfect results through well thought out actions and a structured approach to working.
- Valid Passport
- Driving Licence

### **Additional Useful Skills | The 'Helpful to Haves'**

- Experience of mechanical design packages would be useful
- Experience of Linux OS and Python programming a plus
- Experience of formal product certification requirements, such as CE, FCC, EMC and CB
- Experience of vendor management
- Experience with 19" rackmount equipment product design a plus
- Knowledge of video products and systems
- The ability to manage several parallel projects & activities with changeable priorities and deadlines
- Demonstrate flexibility both in working hours and project activities

### **Why work for us?**

- Competitive salary
- 23 days annual holiday (plus 8 English public holidays) rising by 1 day per full year service up to a maximum of 28 days
- Private healthcare\*
- Non-contractual profit-sharing scheme (dependent upon revenue/margin targets being met)\*
- Friendly, dynamic small team
- Relaxed but hardworking environment
- Lovely rural office location (we are based in the south downs national park)

\*After successful completion of probationary period

### **Location**

7thSense UK Head Office

2, The Courtyard, Shoreham Road, Upper Beeding, West Sussex BN44 3TN

### **For more information, please contact us on:**

**01903 812299**

[careers@7thsensedesign.com](mailto:careers@7thsensedesign.com)