



OUR OPPORTUNITY

SENIOR DESIGN ENGINEER

THE ROLE IN A NUTSHELL

We understand job hunting is tough and reading through description after description takes a lot of time – so here's a snapshot. If you like what you read continue to the nitty gritty.

THE TOP LEVEL

Role: Senior Design Engineer

Salary: £40,000 – £45,000 per annum

Location: WFH – Remote (visits to our Newbury, Berkshire HQ and Clients)

Start: ASAP (3 months notice period is acceptable)

Benefits: Flexible Working, Pension, Annual Bonus, Competitive Holiday.

WHAT WE'RE LOOKING FOR

- +6yrs experience in developing products from concept to launch and everywhere in between within the consumer electronics industry (Household, Consumer, Medical)
- Proven experience in Product Design, Design Engineering or Mechanical Engineering and qualified to degree level
- Proficient in Solidwords, Keyshot (or alternative) and Photoshop
- Able to perform Tolerance Analysis, DFM, MFA, FEA and have a strong core knowledge in key manufacturing techniques and processes
- Willing to travel (in 2021) after C-19 restrictions end and when we feel it is safe to visit our key ODMs.

AND MOST IMPORTANTLY...

The rare passionate person:



Self motivating



Self aware



Self disciplined



Self improving

If you're liking the sound of this, lets jump into the details and tell you what we're all about and the integral role you'll play in our team.

WHO IS GREY GEKKO

Grey Gekko is a product design consultancy based in Newbury, Berkshire and our aim is to take a new approach to product development with our clients and employees. We support our clients throughout the whole development journey from conceptual development through to detailed design for manufacturing and launch. So, every client opportunity will mean you follow the project to the end with all the ups and downs, lefts and rights until something tangible to hold is delivered.

Grey Gekko value passionate people. People who think outside the box, thrive on a challenge, and strive to make a difference are strongly encouraged to apply. Built on the foundation that product design does not have to be overly complex and full of jargon, Grey Gekko is a growing product design consultancy with big ambitions.

We get personal. We believe taking the time to understand our client's businesses and getting under their skin is how we can really bring their vision to reality. With us, support throughout the journey is key and how we can really add value though being personable and flexible in our approach- it's not one size fits all by any means.

Aside from the fact that we're driven to create innovative product design solutions, we're not all about work. We're driven to make a difference to our community by giving back in various annual schemes we get involved in.

TIME TO TALK ABOUT THE ROLE

Grey Gekko is a growing consultancy and we have no silo's here. You'll take full ownership of a client's project from start to finish, engage with them directly and nurture them through the development journey which is very important to us. You'll be hands on, taken out of your comfort zone within a very flexible and dynamic environment. We operate on the basis that failure is cherished, not criticised as this is where we learn the most and where design boundaries are pushed.

We may be small, but our passion is big, and this is a perfect opportunity for a candidate who wants true ownership of the full process. You won't be designing a bolt for 3 years with us, that's for sure.

As a Senior Design Engineer at Grey Gekko, you'll be responsible for:

- Conceptual development, ID creation and rendering support for initial project visions to the client
- Detailed Design and Development from Concept to Launch and delivering a manufacturable solution which our ODMs can deliver to the clients volume requirements and within the target BOM cost
- Ability to follow our Design-Build-Test ethos. Learning from prototype builds effectively by devising test plans for internal or external lab testing and using analytics gained to validate core mechanics and product functionality
- Complete appropriate FEA (using SW simulate) and Tolerance Stack Analysis
- Deliver 3D, 2D Engineering Drawings and GA structures to industry standards for the manufacturing method used
- Deliver precise communication with our ODM partners and suppliers across the UK, Europe and SEA to resolve engineering challenges raised in DFM, through to MFA feedback to solve manufacturing / yield / production/ quality concerns in partnership with our Operations & QA team
- Be proactive rather than reactive during project management and align all teams, suppliers, and support staff to ensure the project is delivered on time, to spec and to budget
- Engage with our operations team to source new suppliers and partners to meet client expectations.
- Maintain clear, approachable communication with our clients in a manner to guide them through the development journey, explain every stage and challenge so they are as immersed into the project as we are
- Manage external freelancers and internal staff to deliver the project to Grey Gekko's standards
- Ability to work in a fast paced, flexible environment on multiple projects simultaneously.

You would be reporting to our founder Tom Weston directly within the role. With the future expectation that you can lead a team of Engineers as the business grows.

As you'll know it's difficult to explain all that Design Engineering entails in black and white. However, if these details are starting to tick some boxes and you want to know how to apply, we're nearly there.

ALL ABOUT

THE SKILLS FOR THE ROLE

- Qualified to degree level in Product Design, Design Engineering or Mechanical Engineering
- Developed products within the Consumer Electronics Industry (Household / Consumer / Medical)
+6yrs Experience within the degree qualified role
- Have a core understanding in design techniques to support these core manufacturing processes: Injection Moulding (all types), Compression Moulding, Extrusion, Deep Draw, Forming, CNC, Forging
- Understand the detailed design requirements for the manufacturing processes above and able to provide final 2D & 3D data to industry standards to our ODM's and Suppliers for manufacture
- Knowledge in manufacturing & quality processes to support our ODMs to 100% approval and initial product launch. IQC / OQC / AQL / APQP / top level understanding on Six Sigma
- Proficient in Solidworks as this is our core CAD software
- Proficient in Keyshot (or alternative rendering package)
- Ability to use and work up renders & illustrations in Photoshop
- Core understanding in Microsoft Teams, One-Drive and SharePoint to support remote /flexible working
- An understanding on how to use Pre-Form & Cura (not essential)
- An understanding on correct 3D printing methods for SLA & FDM (not essential)
- Ability to travel to clients & suppliers within the UK and Overseas.

Don't be afraid if there's something on the list you're not strong at, we can support with training too. We're after a candidate with an all-round knowledge who would be eager to learn if they've not had exposure in a key area outlined above.

OK

HOW TO APPLY

You've got this far, so we want to thank you for taking the time to read our opportunity.

Like our client approach, we're flexible so please send your CV & Portfolio in a format which feels right for you. We understand this is a big deal and find it criminal when you're restricted to send low resolution.

Unfortunately, we cannot accept anything over 10Mb by email, but we'll happily accept portfolios via a transfer site (WeTransfer / DropBox) or a link to your website- it's entirely up to you.

We don't ask for a cover letter, but we would like a short sentence (no more than 150 words) in your application email to explain you in a nutshell. It could be personal or professional, however you see fit to explain the person behind the application.

Please send a CV & Portfolio (or link) to: hello@greygekko.com

Good luck and we hope to welcome you to the team very soon.