

Join 40Knots – In-House Yacht Designer/Engineer

40 Knot's is a GRP power boat construction company based in Cape Town specialising in high-performance, foils supported ferries and live-aboard charter vessels. We have a small team of designers and undertake all our own design work in-house.

We are looking for a young, dynamic engineer to join our team and grow into a long-term role within our company.

What we're looking for:

- Engineering qualification (Mechanical/Marine/Naval/Structural or similar)
- Proficiency in 2D CAD drawing (AutoCAD or similar) and 3D CAD modelling (Preferably Rhino 3D)
- Attention to detail and strong analytical, problem-solving with organisational skills.
- Ability to work effectively as part of a team.
- Passion for boats, design, and hands-on problem solving
- Willingness to work in a production environment and learn from senior partners
- Commitment to building a long-term career in the marine industry

Key responsibilities:

- Develop innovative component designs power boat projects from concept to completion, including mechanical systems, deck layouts and equipment and GRP structural analysis.
- Work closely with clients to understand and realise their vision, managing relationships with professionalism and empathy.
- Develop design concepts, produce accurate detailed 3D models and 2D working drawings for the shopfloor to company standards.

What we offer:

- Mentorship from highly experienced senior partners with deep knowledge of boat design and construction
- Exposure to all aspects of powerboat development: from concept, design, and prototyping to full production builds
- A dynamic and growing company culture where your ideas and input matter
- Opportunity to develop into a key role as the company expands

If you're ready to combine your engineering skills with your passion for boats, and you're looking for a long-term career in a specialist design and build environment, we'd love to hear from you.

Apply by sending your CV, portfolio, and a short motivation letter to baren@40knots.co.za.