

# Humberto Luiz Gomes Tangari

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## **A brief of my Personal Profile**

I am an enthusiastic, self-motivated, reliable, responsible and hard-working person. I am a mature team worker and adaptable to all challenging situations. I can work well in a team environment as well as using my own initiative. I can also work well under pressure and adhere to strict deadlines.

## **Some Skills**

- Autodesk AutoCAD.
- Autodesk Autolisp
- Autodesk Revit.
- Autodesk Navisworks
- Google Sketchup.
- HTML
- CSS
- JavaScript
- React JS
- Git/GitHub
- API Calls
- SASS
- Redux
- VSCode
- AltoQi Eberick.
- Cypecad.
- Microsoft Office.
- Visual Basic

## **Education**

**Civil Engineer (2013)** \_\_\_\_\_ *Pythagoras University (Brazil)*

### **(Resumed Grade)**

- Fluid mechanics
- Soil mechanics
- Digital environment building
- Engineering geology
- Civil and architectural engineering
- Minerals and statics
- Geomechanics
- Structural mechanics

**Post graduated in Work's Security Engineer (2015)** \_\_\_\_\_ *Candido Mendes University (Brazil)*

## **Work Experience (UK only)**

- **Design Engineer / Senior Designer** \_\_\_\_\_ **Hunnebeck Ltd.**  
*Nov 2018 – Currently*

The same commitments and tasks I had previously in Adapt Ltd.

- **Formwork Designer** \_\_\_\_\_ **Adapt Formwork Ltd.**  
*Feb 2018 – Nov 2018*

As a formwork designer I created designs for RC walls, slabs, climbing systems and scaffolding to attend a variety of projects. It was one of my duties to provide quotations and bills of material for all designs I worked with. Added to that, I helped to improve the company's CAD software by creating new lisp routines and organising the blocks inside dynamic menus. All too often I worked with three main software's in order to do drawings and quotations which were: AutoCAD, Excel and Calcumax (Software developed by the company).

- **Estrutcal Software**  
*Jan 2013*

When I was a student of civil engineering, I developed an application named "Strutcal Software" for windows. It does calculations for isolated reinforced concrete elements such as beams and slabs. The current beta version is available for tests. If you are interested in getting it for a test, please send me an email and I will send you the .exe file to you.

- **Structural and other projects**  
*Jan 2014 – Jan 2018*

Straight after my graduation in civil engineering, I started my career working with technical projects such as structural, plumbing and architectural designs as self-employed. The software's that used to aid me with these were: AutoCAD, Revit, Sketchup and Cypcad. If you want to see some of my work in this area, please send me a request via email and I will share with you a few of them.

- **X-Beam**  
*Jul 2021*

X-Beam is a mobile application that I have developed alongside my brother Oliver, a web developer. There, you can calculate any type of beam by adding its properties, support and loads on it. The X-Beam is free for use and can be accessed through the link: [xbeam.app](https://xbeam.app)

## **References**

Written references available upon request.