



# TUGA IT

**SUMMER EDITION**

LISBON, JULY 19-21, 2018

# THANK YOU TO OUR SPONSORS



Microsoft

GOLD SPONSOR

**bi4all**

CREATING BUSINESS INTELLIGENCE

SILVER SPONSOR

|create|**it**|

INNOVATING LIFE

TUGA BEER SPONSOR

**FARFETCH**

SWAG SPONSOR



A desk setup featuring two computer monitors. The left monitor displays a code editor with syntax-highlighted code on a dark background. The right monitor shows a web application interface with a sidebar and a main content area. A smartphone is propped up on the desk between the monitors. To the right of the monitors is a metallic, cylindrical object, possibly a cup or a container. The background is a solid red color with some blurred lights.

# Pimp My SPFx Generator

# Hello!

**I am Carlos Miguel Silva.**

I'm a husband to a beautiful wife and father to 2 awesome kids.  
Currently I'm living life as a Platform Team Lead at BindTuning.

@carlosmiguelsns

carlos@bindtuning.com

bindtuning.com





A detailed view of a workshop's tool wall. The wall is made of light-colored wood and is densely packed with various hand tools. At the top, several wooden-handled planes are mounted in a row. Below them, a variety of chisels with different handle colors (yellow, red, black) are organized in rows. To the right, there are several pairs of pliers and a collection of screwdrivers with colorful handles. The tools are arranged in a systematic way, suggesting a well-maintained and professional workspace.

“

*The front-end tooling  
landscape is getting more  
complex.*

Boilerplate Abstractions Frameworks

Testing Docs **Workflow** Dependency

Management Performance Optimization

Build Continuous integration Deployment

Version control







“

*How many times did you find yourself copying the same code across solutions and performance the same manual actions*

# Repetitive task

- Create data providers (Office Graph, SharePoint,...)
- Create interfaces (Documents, People, etc...)
- Implement utility methods
- Copy previously developed web parts across
- Extend Gulp (SP-sync, version sync, etc...)
- Add *tslint.json* file to the project's root folder
- Install PnP.js npm packages
- Install PnP Property Controls npm packages



# The workflow can be automated

**Yeoman**

Scaffold project



**YEOMAN**

**Gulp / Grunt**

Build, preview and test



**NPM**

Manage dependencies



# Yeoman

- Is one of the web's most popular tooling frameworks
- With over 400 contributed reusable plugins.
- Build with NodeJS
- File structure & (the run) loop:
  - initializing()
  - prompting()
  - configuring()
  - writing()
  - install()
  - end()



# BIG

# CONCEPT

Is not just for JavaScript based projects but for anything you can make out of it.





# Demo Time

Let's hope everything goes as plan.

M	T	W	T	F	S
		1	2	3	4
6	7	8	9	10	11
13	14	15	16	17	18
20	21	22	23	24	25
27	28				

# Q&A!

THANK YOU

You can find me at:

- @carlosmiguelsns
- carlos@bindtuning.com



PLEASE FILL IN THE  
EVALUATION FORM.

YOUR OPINION IS  
**IMPORTANT!**



AT THE ENTRANCE AFTER THE LAST SESSION OF THE DAY



#TUGABEER sponsored by

|create|it|  
INNOVATING LIFE



# THANK YOU TO OUR SPONSORS



Microsoft

GOLD SPONSOR

**bi4all**

CREATING BUSINESS INTELLIGENCE

SILVER SPONSOR

|create|**it**|

INNOVATING LIFE

TUGA BEER SPONSOR

**FARFETCH**

SWAG SPONSOR

