

Welcome!

Mobile Web Specialist Nanodegree Program

by Udacity & Google

- Intro
- Build Tools
- Q/A time

Intro

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[Mobile Web Specialist Nanodegree Syllabus](#)

[Mobile Web Specialist Nanodegree Student Handbook](#)

Build tools

Tools that allow developers automate repetitive tasks such as web page refreshing, image optimization, file minification, CSS preprocessing, deployment, compilation, unit testing, etc.



- Fast
- Community support
- Feature-rich
- Can be extended with custom functionality





Gulp

- Fast
 - Can execute tasks in parallel
- Uses JavaScript, which is easier to write

Install Gulp

```
npm install --global gulp-cli
```

```
npm install --save-dev gulp
```

```
gulp --version
```



Create gulpfile.js

- Located in the root directory
- Defines all the tasks (=functions) to be executed by gulp

Gulp is
stream
based =>
faster!

Gulp Passes Files Through a Stream



<https://www.codeproject.com/Articles/1064203/WebControls/>

A low-angle, upward-looking shot of the Golden Gate Bridge's iconic red-orange steel tower. The tower's intricate lattice of rivets and structural beams is clearly visible. Several thick suspension cables fan out from the top of the tower towards the bottom corners of the frame. The background is a clear, vibrant blue sky. A semi-transparent white rectangular box is positioned on the left side of the image, containing the text "Questions?".

Questions?