

Some interesting testing apps/APIs I came across at my workplace

1) **BrowserStack** for QA testing

<https://www.browserstack.com/>

Does what?: Cross-browser testing

Tests what?: Websites (front-end - mainly look & feel)

What I found interesting about this web app is that it not only allows you to test how your website will look & behave on all the different browsers, but also provides you mobile & tablet browser testing. You can select the brand of your phone, it's screen size, browser & see how your website will look.

It made my life much easier when I was testing one of my company's web products. I found out that the placing of certain design elements looked skewed on IE 11. (But hey! who uses IE anyway?!)

2) **Mocha & Chai API** for web-behaviour testing

<https://mochajs.org/>

<http://chaijs.com/>

Does what?: Mocha helps in testing your JavaScript code. Chai is a TDD assertion library, which can be used with any JavaScript testing framework, in this case, Mocha.js.

Tests what?: Websites (front-end, even before your front-end design is ready)

I have only used these together, & don't know how they go with different API's. What I love about Chai.js is that it looks very much like natural language.

Examples:

```
describe('Array', function() { //mocha
  it("should not have 3", function() { //mocha
    expect([1, 2]).to.be.an('array').that.does.not.include(3) //chai
    expect("foo").to.be.a('string') //chai
  }
})
```

It's interesting to note that 'a' & 'an' can be used interchangeably, to follow english language rules of vowel-sounds.