AUTOMATED WEB APPLICATION TESTING

* Phantom.js
  + Scriptable, Headless Webkit-based browser
* Slimer.js
  + Scriptable, Gecko-based browser
* Casper.js
  + Navigation scripting and testing utility
* Mocha.js
  + JavaScript testing framework
* Sinon.js
  + Spies, mocks and stubs for unit testing
* Chai.js
  + Assertion library
* mockJSON, faker.js
  + Produce fake JSON documents
* Blanket.js
  + Code coverage tool
* JSHint
  + Code quality tool
* Selenium Web Driver
  + Cross-platform browser automation
* Testem.js
  + Simultaneously runs units tests across multiple browsers
* BrowserSync
  + Automated browser updates and interaction syncing
* Node-Supervisor
  + Automated server restarts
* Gulp

Additional Tools

* YSlow
  + Performance-based webpage analyzer
* JMeter
  + Load/performance testing
* Bunyan.js
  + JSON logging library with CLI tool
* Look.js
  + Performance profiler
* Debug.js
  + Toggle logging to the console
* Blocked.js
  + Reports if the event loop is blocked