**Introduction - Node.js**

Node.js is an open source platform for creating applications that uses JavaScript on server side as well as on the client side. JavaScripts usage amongst the developer community is growing at a very rapid pace. It is the most popular language in a recent survey conducted by Stack Overflow.

Its runtime environment interprets JavaScript using Google's V8 JavaScript engine. Node.js has an event-driven architecture capable of asynchronous I/O that makes it lightweight and efficient. Node.js' package ecosystem, npm, is the largest ecosystem of open source libraries in the world.

Here is a A to Z list of node modules that will extend the capability of your node.js application.

**A**

* [Async](https://www.npmjs.com/package/async): Async is a utility module which provides straight-forward, powerful functions for working with asynchronous JavaScript.

**B**

* [Browserify](https://www.npmjs.com/package/browserify): Browserify will recursively analyze all the require() calls in your app in order to build a bundle you can serve up to the browser in a single <script> tag.
* [Bower](https://www.npmjs.com/package/bower): Bower is a package manager for the web. It works by fetching and installing packages from all over, taking care of hunting, finding, downloading, and saving the stuff you’re looking for.
* [Backbone](https://www.npmjs.com/package/backbone): Backbone.js gives structure to web applications by providing models with key-value binding and custom events, collections with a rich API of enumerable functions, views with declarative event handling, and connects it all to your existing API over a RESTful JSON interface.

**C**

* [Csv](https://www.npmjs.com/package/csv): csv module has four sub modules which provides CSV generation, parsing, transformation and serialization for Node.js.

**D**

* [Debug](https://www.npmjs.com/package/debug): Debug is a tiny node.js debugging utility modelled after node core's debugging technique.

**E**

* [Express](https://www.npmjs.com/package/express): Express is a fast, un-opinionated, minimalist web framework. It provides small, robust tooling for HTTP servers, making it a great solution for single page applications, web sites, hybrids, or public HTTP APIs.

**F**

* [Forever](https://www.npmjs.com/package/forever): A simple CLI tool for ensuring that a given node script runs continuously (i.e. forever).

**G**: [Grunt](https://www.npmjs.com/package/grunt) and [Gulp](https://www.npmjs.com/package/gulp) do exactly the same thing. Grunt has been around longer than Gulp.

* [Grunt](https://www.npmjs.com/package/grunt): is a JavaScript Task Runner that facilitates creating new projects and makes performing repetitive but necessary tasks such as linting, unit testing, concatenating and minifying files (among other things) trivial.
* [Gulp](https://www.npmjs.com/package/gulp): is a streaming build system that helps you automate painful or time-consuming tasks in your development workflow.

**H**

* [Hapi](https://www.npmjs.com/package/hapi): is a streaming build system that helps you automate painful or time-consuming tasks in your development workflow.
* [Http-server](https://www.npmjs.com/package/http-server): is a simple, zero-configuration command-line http server. It is powerful enough for production usage, but it's simple and hackable enough to be used for testing, local development, and learning.

**I**

* [Inquirer](https://www.npmjs.com/package/inquirer): A collection of common interactive command line user interfaces.

**J**

* [Jquery](https://www.npmjs.com/package/jquery): jQuery is a fast, small, and feature-rich JavaScript library.
* [Jshint](https://www.npmjs.com/package/jshint): Static analysis tool to detect errors and potential problems in JavaScript code and to enforce your team's coding conventions.

**K**

* [Koa](https://www.npmjs.com/package/koa): Koa is web app framework. It is an expressive HTTP middleware for node.js to make web applications and APIs more enjoyable to write.

**L**

* [Lodash](https://www.npmjs.com/package/lodash): The lodash library exported as a node module. Lodash is a modern JavaScript utility library delivering modularity, performance, & extras.
* [Less](https://www.npmjs.com/package/less): The less library exported as a node module.

**M**

* [Moment](https://www.npmjs.com/package/moment): A lightweight JavaScript date library for parsing, validating, manipulating, and formatting dates.
* [Mongoose](https://www.npmjs.com/package/mongoose): It is a MongoDB object modeling tool designed to work in an asynchronous environment.
* [MongoDB](https://www.npmjs.com/package/mongodb): The official MongoDB driver for Node.js. It provides a high-level API on top of mongodb-core that is meant for end users.

**N**

* [Npm](https://www.npmjs.com/package/npm): is package manager for javascript.
* [Nodemon](https://www.npmjs.com/package/nodemon): It is a simple monitor script for use during development of a node.js app, It will watch the files in the directory in which nodemon was started, and if any files change, nodemon will automatically restart your node application.
* [Nodemailer](https://www.npmjs.com/package/nodemailer): This module enables e-mail sending from a Node.js applications.

**O**

* [Optimist](https://www.npmjs.com/package/optimist): is a node.js library for option parsing with an argv hash.

**P**

* [Phantomjs](https://www.npmjs.com/package/phantomjs): An NPM installer for PhantomJS, headless webkit with JS API. It has fast and native support for various web standards: DOM handling, CSS selector, JSON, Canvas, and SVG.
* [Passport](https://www.npmjs.com/package/passport): A simple, unobtrusive authentication middleware for Node.js. Passport uses the strategies to authenticate requests. Strategies can range from verifying username and password credentials or authentication using OAuth or OpenID.

**Q**

* [Q](https://www.npmjs.com/package/q): Q is a library for promises. A promise is an object that represents the return value or the thrown exception that the function may eventually provide.

**R**

* [Request](https://www.npmjs.com/package/request): Request is Simplified HTTP request client make it possible to make http calls. It supports HTTPS and follows redirects by default.

**S**

* [Socket.io](https://www.npmjs.com/package/socket.io): Its a node.js realtime framework server.
* [Sails](https://www.npmjs.com/package/sails): Sails : API-driven framework for building realtime apps, using MVC conventions (based on Express and Socket.io)

**T**

* [Through](https://www.npmjs.com/package/through): It enables simplified stream construction. It is easy way to create a stream that is both readable and writable.

**U**

* [Underscore](https://www.npmjs.com/package/underscore): Underscore.js is a utility-belt library for JavaScript that provides support for the usual functional suspects (each, map, reduce, filter...) without extending any core JavaScript objects.

**V**

* [Validator](https://www.npmjs.com/package/validator): A nodejs module for a library of string validators and sanitizers.

**W**

* [Winston](https://www.npmjs.com/package/winston): A multi-transport async logging library for Node.js
* [Ws](https://www.npmjs.com/package/ws): A simple to use, blazing fast and thoroughly tested websocket client, server and console for node.js

**X**

* [Xml2js](https://www.npmjs.com/package/xml2js): A Simple XML to JavaScript object converter.

**Y**

* [Yo](https://www.npmjs.com/package/yo): A CLI tool for running Yeoman generators

**Z**

* [Zmq](https://www.npmjs.com/package/zmq): Bindings for node.js and io.js to ZeroMQ .It is a high-performance asynchronous messaging library, aimed at use in distributed or concurrent applications.