

# Node Program Introduction



Node.js version: 7.1  
Last updated: Nov 2016

# Before We Start...

You'll need:

- >> Node.js and npm
- >> Code editor
- >> Command line
- >> Internet connection
- >> Slides & sample code

# Slides and Everything Else

<https://github.com/azat-co/node-react>

**git clone git@github.com:azat-co/node-react.git**

# Installing Node.js

>> <http://nodejs.org>

>> \$ brew install node

>> Node in 30s

You may also want/need a local data store!

>> MongoDB

>> MySQL

>> Postgresql

# Introductions



Instructor: Azat Mardan

- » Work: Capital One, Storify, FDIC, NIH, DocuSign
- » Books: ReactQuickly, Full Stack JavaScript, Practical Node.js, Pro Express.js, Mongoose Course



# Introduce Yourself

1. What is your tech background/language?
2. What is your project?
3. How do you plan to use Node.js?



# Outcome

- >> Build server-side web applications with the Node.js platform utilizing the JavaScript language
- >> Use Node.js framework Express.js
- >> Use NoSQL database MongoDB
- >> Get familiar with Meteor
- >> Grasp React and Isomorphic JavaScript

# HipChat Room

`https://www.hipchat.com/gI1lG5c2q`

# Node Program

# Effective Learning

**50% workshops +**

**50% lectures +**

**50% Q&A/office hours**

(yes, we deliver 150%!)

workshops = coding + collaboration + pair programming + solo programming + discussions + reading + solving problems (👉 if stuck)

# Interweaving

# Spaced Repetition

# Agenda

Node.js Day:

- >> 9-11:00: Lectures: Intro, setup and Node.js Basics
- >> 11:00-12:00: Workshop
- >> 12:00-1:00: Lunch



# Agenda

Node.js Day:

- >> 1:00–2:00 Lectures: MongoDB, Express
- >> 2:00–3:00: Workshop
- >> 3:00–3:15 Break
- >> 3:15–4 Lectures: Meteor
- >> 4–5 Workshop

# Agenda

React Day:

- >> 9-11: Lectures
- >> 11-12: Workshop
- >> 12-1: Lunch

# Agenda

React Day:

>> 1-2: Lectures

>> 2-3: Workshop

>> 3-5: Office hours and individual tracks

# Individual Tracks

1. Deployment
2. Single-page Application
3. REST API
4. Your own project/idea

# Questions and Exercises

Write them down and ask at the end of the lesson:  
you'll have 5 open frames to ask questions. Use them fully!



No workshop for this lesson. 😊

