



UDACITY

Fullstack javascript nanodegree

Session 1

Who am I ?

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 **Been with Udacity since April 2020.**

Slack



What is Slack?

- Briefly it is the students online community.

Let's Register

- [#advanced-web-development](#)



Projects

Backend Development with Node.js

P1: Image Processing API - Due Apr 21, 2022

Creating an API with PostgreSQL and Express

P2: Build a Storefront Backend - Due May 12, 2022

Deployment Process

P3: Hosting a Full-Stack Application - Due Jun 02, 2022

How to get the best of this course

- Learn Core concepts & code them
- Code & Make bugs within the class
- Ask , Ask , Ask
- No judgments on questions
- Attend sessions
- Deliver Projects on their time

Agenda

- Minimum effort
- Plagiarism
- Tools
- Environment
- General instructions
- Intro to typescript





Minimum effort

Minimum effort required

- This is the minimum effort required by students to finish their projects on time

[FWD T3 - Web - Advanced Track Schedule](#)





PLAGIARISM

- Udacity uses plagiarism checker
- Give credit if someone helps you
- It's important to cite sources you used





Tools

Code Editors

We will use Visual Studio Code but feel free to use any editor you prefer

Browsers

Feel free to use any browser you want





Environment

Environment

Follow this [link](#) for our already setup environment.

To be able to practise, you will have to download node and npm through this [link](#).

Note: Choose LTS version.

To be able to run typescript directly run : `npm install -g ts-node`





General instructions

THINK LIKE A PROGRAMMER

1

Procedural Thinking

Clear instruction for a computer to follow

2

Abstract Thinking

Finding Similarity to avoid repetition of work

3

System Thinking

Break system down to small pieces & plan

4

Technological Empathy

Ability to understand how computer works

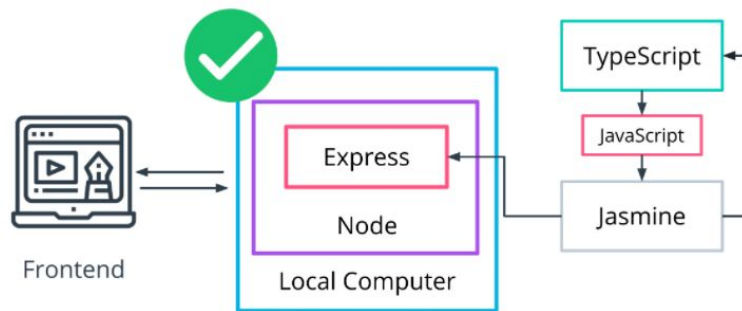
5

Debugging

Finding the cause of the failures and fix it



Our main focus



Our Focus is on Node and Express

- Node.js as our runtime
- The Express framework to initiate our server and build out the routes necessary for our application
- TypeScript for server-side code
- The testing framework Jasmine, to ensure that we're writing performant code and catching errors and edge cases before making it to production



Remember that we are here to help you
All you have to do is **ASK!**



Thanks for attending



