

MASSIMO CRAPANZANO

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EXPERIENCE

04/2017 to Current

Full stack developer

RocketFuel — Memphis, TN

I took over a project owned by RocketFuel biggest client and rewrote most of it. I implemented a search engine that reduced considerably the database requests and improved performance using an Elasticsearch cluster. Also implemented from scratch clear and easily scalable notification service and rebuilt the complex deployment process with Jenkins using AWS cloud services like EC2, EBS, S3 buckets, route53.

02/2016 to 05/2016

Full Stack Developer

Fullstack Academy of Code — New York, NY

Build Javascript based projects. One of them was an idea that I had for some time: a four people team project, a screenwriting application that, not only can be used as an editor, but is also a data analysis tool which, through a natural language process algorithm, parses the screenplay and outputs very precious informations for the user, displayed using the D3Js library.

PROJECTS

I have worked on various side projects that can be viewed on my personal website massimo.site. Among them:

TETRIS - I rebuilt the famous game using only Vanilla Javascript and less than 500 lines of code. From scratch without any external modules:
<http://www.massimo.site/tetris/index.html>

IMP.NYC - A Url shortener built in Angular, Node, Express, Mongoose, MaterialUI and deployed using AWS cloud services.

TWITTER HEAT MAP - Real time global heat map for visualizing the frequency of tweets containing arbitrary words chosen by the user. Built in Vanilla JS, Node, Express, Mongoose, Google Map API, Twitter API, Mapbox Geocode API, WebSockets.

SKILLS

Javascript, ReactJs, AngularJs, NodeJs, Aws, Jenkins, ElasticSearch, Express, Firebase, MongoDB, HTML/CSS, Sass, Docker, Chai, Jasmine, Mocha.

EDUCATION AND TRAINING

2008

Bachelor of Science: Computer Science

State University of Milan — Milano, MI, Italy

Computer Science applied to media and communication.