Roberto Serra
Full Stack Engineer

e: obi.serra@gmail.com
g: https://github.com/obiSerra
l: https://www.linkedin.com/in/obiserra/
w: https://www.rserra.it/

Personal Profile

I am a web developer with near 15 years of experience; during those years I worked as a freelance, consultant and employee, having the opportunity to work with startups as well as creatives collective and enterprise companies

Work Experiences

Tech Lead and Senior Software Engineer
Sept 2014 - Present

Designing and developing enterprise and large scale modern web applications for the US and European markets.

Tech: React, JavaScript, TypeScript, Python, Clojure, RabbitMQ, MongoDb, Jenkins, C#, AWS

Web and Mobile Developer
Jan 2012 - Aug 2014

Developing and designing web applications, mobile apps (PhoneGap and Titanium) and HTML5 games.

Tech: Yii, PHP, MySQL, JavaScript, jQuery, HTML5 Canvas

Co-founder and Developer
Mar 2010 - Dec 2011

Developing web sites and web applications for small and medium sized companies

Tech: WordPress, Joomla, PHP, HTML, CSS, JavaScript

Web Developer
Mar 2010 - Dec 2011

Developing and maintaining a live auction web application

Tech: PHP, HTML, CSS, JavaScript

Notable Projects

- Taught a NodeJs class at Turin University
- An ad-hoc solution for a robotic startup based in San Francisco
- The website for a world wide sport event in 2020
- An animated interactive YouTube Masthead for a famous italian fashion house
- A quoting web application for a US assurance company
- Several car configurators for top a multinational automotive company
- A management tool for massive live tournaments for a US gaming company
- Two multi-platform mobile applications
- A real time auction web application
- Many web applications for startups

Other interests

- AI and Machine Learning enthusiast
- Reinforcement Learning applied to board games (Connect 4, Chess) and Unity
- Kaggle competitions
- Algorithms, Coding competitions

Key Skills

JavaScript, TypeScript, ClojureScript
Python, Clojure, C#, PHP, Bash Script
React, NodeJs, Vue.js Backbone, Angular4
Pandas, Pytorch, Unity, Unity ML-Agents, Prompt Engineering
SQL, DynamoDb, MongoDb
AWS, Git, bash, ssh, Unix, Jenkins, CI
Great attitude to work with teams
Very good experience as project and team leader

Education

Università degli Studi di Torino
Laurea in Scienze Della Comunicazione - Bachelor of Arts in Communication Studies