



# Ionut Costica

## Full Stack Web Developer

Hello, I'm Ionut! I'm a Full Stack Web Developer & Web Application Developer.  
I'm passionate about making great web sites & applications, both client and server-side.  
I love creating programs with *engaging interfaces* and a *streamlined user experience*.  
I like code that is *performant*, *elegant* and easily *maintainable*.



### PROFILE

#### FULL NAME

Ionut Costica

#### BORN

20 May 1986

Timisoara, Romania

#### LINKEDIN PROFILE

<https://www.linkedin.com/in/ionutcostica>



### WORK EXPERIENCE

JANUARY 2012 - CURRENT (3 YEARS, 5 MONTHS)

SC AEM SA

Web Application Developer

Developing Intranet Web Applications for AMR (Automated Meter Reading), meter configuration and report generation.

## Technologies

*Back-end:* C#, ASP.NET, DevExpress, Microsoft SQL Server, MongoDB

*Front-end:* HTML5, CSS3, JavaScript, JQuery

Additionally, worked on improving the user interface and user experience of the application, and convinced the management to let me implement a caching system using MongoDB as a storage layer, which greatly improved overall performance and user experience.

## SEPTEMBER 2011 - JANUARY 2012 (4 MONTHS)

West University of Timisoara Students' Union

### Web Developer

Website optimization, database administration & optimization

Wordpress plug-in development

## Technologies

*Back-end:* PHP, MySQL

*Front-end:* HTML, CSS, JavaScript, Mootools

## MAY 2011 - JULY 2011 (3 MONTHS)

Yale University, professor Richard Yang

### Undergraduate Researcher

Android application development using Adobe Flash & Adobe Flex.

## Technologies

*Applications:* Adobe Flash, Adobe Flex

## MARCH 2008 - MAY 2009 (1 YEAR, 3 MONTHS)

Maya (student group at *Yale University*)

### Web Designer & Web Developer (part-time)

Web Design & Web Development for various other on-campus student groups.

## JULY 2008 - SEPTEMBER 2008 (3 MONTHS)

Yale University, professor Holly Rushmeier

### Undergraduate Researcher in Computer Vision & Computer Graphics

## MARCH 2005 - AUGUST 2006 (1 YEAR, 6 MONTHS)

### Freelance

### Web Developer

Various Web Development and Web Design projects.

## OCTOBER 2004 - FEBRUARY 2005 (5 MONTHS)

Wolfgang Engel

3D Graphics Programmer

3D Graphics programming (HLSL/GPU assembler), especially procedural algorithms for texture and object generation in real-time, working with the editor of the "ShaderX" book series.



## CERTIFICATIONS

APRIL 2015

MongoDB Certified Developer Associate Level

The MongoDB Certification Program

1999

Certified C/C++ Programmer

International Computer School

Certified by the *Romanian Ministry of Education*



## COURSES

MARCH 2015 - MAY 2015

M101JS: MongoDB for Node.js Developers

MongoDB University

(<http://university.mongodb.com/>)

Finished course with a score of 100% placing me in the top 6% of the approximately 5000 students taking it.

Advanced Rendering

viCampus

Taught by *Wolfgang Engel*, editor of the *ShaderX* book series

Introduction to 3D Programming

viCampus



## EDUCATION

SEPTEMBER 2007 - JUNE 2011

Bachelors Degree - Computer Science (candidate)

Yale University in New Haven, Connecticut, USA

SEPTEMBER 2005 - JUNE 2007, SEPTEMBER 2014 - PRESENT

Bachelors Degree - Computer Science in English (candidate, est. September 2015)

West University of Timisoara in Timisoara, Romania

## PROFESSIONAL SKILLS

### Web Development (Front-end)

90%



### Web Development (Back-end)

90%



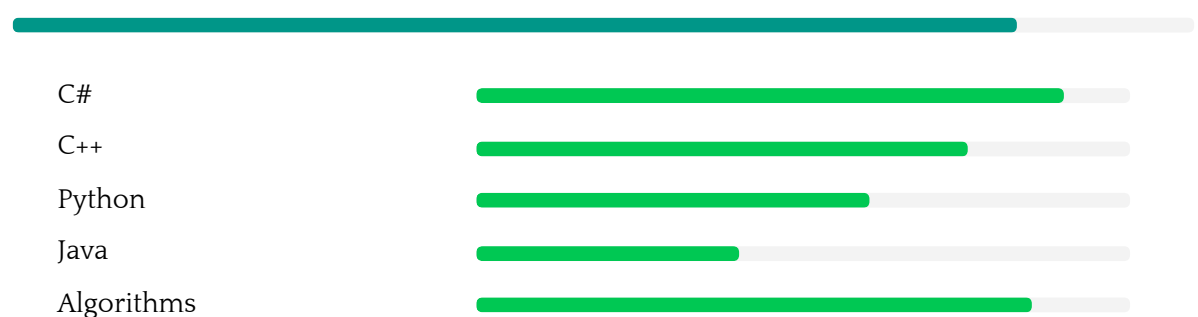
### Database Programming

85%



### General Programming

85%



### 3D Programming

70%



HLSL, GLSL, GPU

Assembler

OpenGL

DirectX

Maya plug-in  
development (MEL  
script/C++)

Blender plug-in  
development  
(Python)

## Graphic/Web Design

60%

Adobe Photoshop

Adobe Illustrator

Adobe Flash

UI/UX

## PERSONAL SKILLS

Creativity

Teamwork

Leadership

Black Magic (Coding  
=)

## CONTACT

### ADDRESS

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