

# Silviu Andrei Glavan

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I'm a Front End Engineer with focus on JavaScript, AWS and Serverless Architectures and Microservices. I've started to learn the basics of web development with languages like HTML, CSS and PHP in 2006 and it's been part of my life as a hobby. In 2015 I left my Hospitality career and focused on web development full time. During this time, I perfected and expanding my knowledge with technologies like React, NodeJs, GraphQL, Sass, BEM.

## Professional Experience

### Front End Developer @ ROPTO

March 2018 - Current

Part of a team of 6 developers building and owning Landing Pages for our Lead Generation Campaigns. Also maintaining and improving the Lead Distribution API.

- Build and maintain Landing Pages according to design ensuring that the performance, browser compatibility and UX guidelines are met.
- Integrate products with client APIs or delivery systems.
- Collaborate with Design and Marketing teams to improve the product's user experience and conversion rates.
- Maintain relations with clients for product integration and quality assurance.

*Please refer to the next page for a more comprehensive overview of my experience @ ROPTO*

### Freelance Web Developer

2015 - 2018

Worked on various projects for clients in different sectors like Virtual Reality, Creative Agencies and Local Businesses.

- Conduct creative meetings and calls with clients
- Wireframe and design websites
- Build and maintain websites using various approaches like WordPress CMS or Jekyll.
- Maintain a close relationship with clients for testing and optimisation.

## Education

### Diploma in Hospitality Management

American Hotel Academy

2010 - 2013

## References

### Daryl Carr - JavaScript Engineer @ ROPTO

+44 7476 012346 / daryl.carr@ropto.com

### Mihai Uzum - Founder @ VIRTUALITY

+40 774 029939 / mihai@virtuality.ro

## Tech & Tools

HTML, CSS  
Vanilla JS, jQuery, ES5  
SASS, MJML  
Gulp  
React, Redux  
GraphQL  
Webpack, Babel, Parcel  
NodeJS  
GIT  
Python, Django

### Amazon Web Services

Jira  
GitHub  
BitBucket  
Netlify  
Buddy  
Adobe Creative Cloud

## Projects

### influb.com

React, NodeJS Lambda and DynamoDB application that uses the Instagram Graph API to offer user-friendly account insights.

### virtuality.ro

Static website using Jekyll site generator, Bootstrap and jQuery.

# @ ROPTO

## Comprehensive Overview

ROPTO is a Performance Marketing company with a focus on Lead Generation working for various clients in different sectors like Claims, Financial, Education and Utilities.

I've joined ROPTO in March 2018 as a Front End Developer in a team of 3 developers that quickly grew to 6. My main responsibilities are building and maintaining Landing Pages that we use for our marketing campaigns.

### Projects that I worked on:

#### Development Boilerplate.

In order to kickstart the product development process, a code boilerplate was introduced. The main requirements for this were:

- Static build and flexible
- Have a source folder that will include the form validations, API calls and tracking which are reading a client-specific config file.
- Have a theme folder that will include all the project specific code.
- Follow development best practises like linting and code style.

After carefully looking at static website builders like Jekyll and Hugo we decided that the best approach was to build it from scratch as follows:

- Gulp to build and run three environments: dev, stage, production
- Handlebars to bundle the markup files.
- Scss for styles, later we introduced BEM for encapsulation.
- Vanilla JS and ES5 features in order to ensure stability and cross-browser compatibility.
- HTML5 Form Validation API with enhanced external validations for telephone, postcode and email.
- Later we added support for MJML as we introduced email confirmation and campaigns.

#### Refactor the legacy source code.

When I joined the team, ROPTO was using 4 Apache servers hosted on AWS EC2 instances to serve the landing pages that were predominantly written in PHP and deployed via FTP. With GDPR around the corner, we decided to refactor the codebase using the static approach that we host on S3 buckets and serve via a CloudFront CDN. The outcomes were:

- Faster development times by using CI/CD with Buddy.
- Reduced cost on SSL certificates to 0.
- Better products performance.

#### GIT Workflow.

As the team grew we wanted to ensure that we keep the code base clean and tidy so we introduced a new Git Workflow as follows:

- Our organisation repos (upstream) will only have 2 branches: master and develop;
- The developer will fork the repo and create feature branches that will track the upstream/develop branch.
- The feature branches will get merge and rebased into upstream/develop and get deployed to the test environment
- After review, the develop branch will get merged into master for live releases.

> 200

Landing Pages and Advertorials Build and Maintained

Over 2200

Code contributions on GitHub

> 80

Domains maintained