

# ELY ALVARADO

Transversal 36 #72-128, Apto. 301, Medellín, Colombia | +57-321-900-8726 |  
elyalvarado@gmail.com

## Skills Summary

IT Project Manager with PMP training and certified in ITIL Foundations and ITIL Intermediate OSA, PPO, RCV, and SOA. Serial entrepreneur and startup founder. Polyglot programmer (Ruby, Swift, Javascript: React & React Native, SQL, Perl, Python), System Administrator with a DevOps orientation and knowledge in Configuration Management Systems (Puppet/Chef), Docker/Kubernetes and cloud platforms AWS/Azure. An active participant in technology communities and speaker at technology events.

## Experience

### **Happy the App**

*Founder, CTO & Lead Developer / January 2016 - present*

Happy is a community that connects people looking for emotional support with ordinary people who are exceptional at providing that support. In charge of all software development and IT infrastructure management and design. Developed iOS mobile app using Swift, backend using Ruby on Rails, and cross platform mobile app using React Native. Deployed to AWS using OpsWorks, Chef and Docker.

### **Myne, Inc**

*CTO & Lead Developer / September 2010 – January 2016*

Myne was best described as a question based intimate gaming platform and social network. In charge of all software development and IT infrastructure management and design. Developed the Web App using a Ruby on Rails Backend, with Javascript using jQuery, RequireJS and D3.js.

### **Smartmatic**

*Project Manager / June 2005 - February 2017*

Worked in numerous election automation projects in Venezuela, Curacao, USA and the Philippines in different roles ranging from Project Manager in charge of the budget, schedule and client relationships; Technology Manager in charge of coordinating all IT tasks related to the automation of elections; Apps Deployment Manager in charge of the deployment of the applications used to run and manage the elections.

## ***Simón Bolívar University Volunteer F.D.***

*Fire Chief Commander/ September 1996 – September 2005*

During my 10 years in the Volunteer Fire Department of the Simón Bolívar University, I reached the top of the chain of command as Fire Chief Commander, a role elected by voting between peer members (students, professors, and employees of the University) which I held for two consecutive periods of 1 year. Before that, I was Operations Chief, and also in charge of the IT department where I created an automated system for registering all Fire and EMS Incidents. All of this while performing the regular duties of a Fire Fighter / Emergency Medical Technician in the University campus and its surroundings.

## **Education**

### ***B.S. in Informatics Engineering / Alejandro de Humboldt University***

Average Grade of 17 of a maximum of 20 (Salutatorian of my class)

### ***Chemical Engineering / Simón Bolívar University***

Coursework finished.

## **Awards and Acknowledgements**

### ***Acknowledgement / Venezuela National Elections Council (2015)***

The National Electoral Board, part of the National Elections Council in charge of organizing the elections in Venezuela, presented me with a certificate acknowledging my contribution to the successful realization of the National Assembly Elections in 2015. This was the first time such acknowledgment was given to a private contractor.

### ***Employee of the year / Smartmatic (2015)***

I was recognized within the company as one of the top 3 employees of the year for my leadership of the team in charge of the National Assembly Elections 2015.

### ***Student Representative / USB Directory Board (2001-2003)***

The Directory Board of the Simón Bolívar University is the topmost directive board of the University. As elected student representative my role was to make sure that the point of view of the student community was taken into account into all decisions taken by the board.

### ***2nd Place / National Chemistry Olympics 1995***

The National Chemistry Olympics is a national competition between high-school students consisting of theoretical and practical examinations in chemistry.

### ***State Finalist / National Mathematics Olympics 1995***

The National Mathematics Olympics is a national competition between high-school students consisting of theoretical examinations of their knowledge and ability to resolve mathematical problems.

### ***State Finalist / National Physics Olympics 1995***

The National Physics Olympics is a national competition between high-school students consisting of theoretical examinations of their knowledge and ability to resolve mathematical problems.

### ***National Honorific Mention / National Chemistry Olympics 1994***

The National Chemistry Olympics is a national competition between high-school students consisting in theoretical and practical examinations in chemistry.

### **Speaker engagements**

- Golf Scripting with Ruby: Helping Santa Schedule Christmas. RubyConf Colombia, 2019.
- Practical Cryptography for DevOps. ScaleConf Colombia, 2019.
- CI/CD for Mobile Apps using Azure DevOps and App Center. Global Azure Bootcamp Medellín, 2019.
- Side effects in Redux with RxJS and Redux-Observable. React Week Medellín, 2019.