

# MIGUEL VILÁ

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## PROFILE

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I am an experienced software engineer that has delivered large-scale projects. I'm keen to work with others in order to deliver quality solutions.

I have experience with a diverse set of technologies and I'm able to learn new things quickly. Although my focus is on the development side, I'm able to do things related to infrastructure and operations.

## EDUCATION

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### **Recurse Center**

August 2016 - November 2016

*New York City, United States*

Self-directed, educational retreat for people who want to get better at programming

### **Los Andes University**

January 2009 - December 2012

*Bogotá, Colombia*

BSc in Systems and Computing Engineering

## PROFESSIONAL EXPERIENCE

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### **Disney Streaming Services**

January 2017 - Present

*Software Engineer*

*Manchester, United Kingdom*

- Developed and maintained services related to commerce operations. Collaborated with other teams in order to deliver cross-cutting features.
- Developed scalable backend services for user authentication. This included 4 microservices written in Scala, each one with separate responsibilities.
- Helped to establish an environment to do end to end tests for the project. This included approximating the real infrastructure orchestrating containers.
- Executed performance tests in those services to define sensible scaling policies.
- Helped to establish the project's infrastructure. This included scaling groups, alarms and dashboards.
- Took part in interviewing new candidates.

### **s4n**

January 2013 - June 2016

*Software Engineer*

*Bogotá, Colombia*

- Developed enterprise software for insurance companies. Used a variety of technologies: Java, Scala, JavaScript amongst others.
- Worked remotely for a company in the United States developing a REST API using Scala.
- I was the technical leader of a small team of engineers. Guided technical decisions and helped members new to the tech stack or to the team become productive.

### **Los Andes University**

August 2011 - May 2012

*Teaching Assistant for Design and analysis of algorithms.*

*Bogotá, Colombia*

- I evaluated student homework and exams. Gave some classes in preparation for exams.

### **CIACUA, Los Andes University**

March 2011 - August 2011

*Software Engineer*

*Bogotá, Colombia*

- I worked in the software reengineering process of an application used for the design and simulation of distributed water networks. I documented the design in UML and fixed bugs found in a version update.

## TECHNICAL SKILLS

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### **Programming Languages**

**(in order of skill):**

Scala, Java, Javascript.

**Infrastructure:**

Mostly AWS. Cloudformation, ECS, CloudWatch, DynamoDB.

**Versioning Systems:**

Git, SVN.