

# ADRIÁN RANGEL

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## PROFESSIONAL SUMMARY

As a CTO I dig into customer problems and solve them with innovative and edge technologies. I create, scale and optimize products that not only make our client's business easier, they also increase their earnings. To accomplish this, I focus on key results, team building and quick adaptability.

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## WORK EXPERIENCE

### CTO

Valiot | Jun '15 - Present

- Improved security, lowered costs, and customized production environment by leading the migration from Heroku deployments to CI deployments on Kubernetes.
- Increased requests throughput and accelerated the pace of change by leading the migration from a monolithic Ruby on Rails app to a microservice architecture in Phoenix (Elixir).
- Improved frontend workflow by guiding the transition from plain CSS/JS to React.
- Maximized client's savings by US \$10K+ monthly implementing a route optimization solver.
- Incremented client's production output by 20% leading a job-shop optimization solver project.
- Led hardware team to building our own IoT gateway for real time applications, communicating with numerous industrial protocols.
- Optimized workflow in an industrial setting by leading the mechanical team into applying 3D printing.

### CO-FOUNDER

Münnett | March '14 - '17

- In charge of product development focusing on client's needs.
- Built Front and Backend, including testings and deployments.
- Negotiated terms with banks and national and international fintech startups.
- Provided customer support.

### RUBY ON RAILS DEVELOPER

Codeando México | Jan '14 - April '15

- Created API's that empowered NPOs and citizens to demand change to Mexican government.

### FULL STACK DEVELOPER

Pan y Circo | Jun '13 - Jan '14

- Developed and managed a newspaper system by building the frontend, backend, Android & iOS apps, and a REST API.

### FREELANCER

| '09 - Jan '14

## SKILLS

### Soft skills

Learn from others experience | Teamwork | Decision Making | Leadership | Communication | Adaptability

### Programming Languages

Ruby | Elixir | C++ | JavaScript | Python | PHP | HTML | CSS | Julia | Swift | SQL | Java

### Applications

Phoenix | Nerves | Ruby on Rails | GraphQL | REST API's | Git | Jira | Heroku | AWS | Digital Ocean | Kubernetes | Charles | Docker | React | Arduino | Ettercap | Wireshark | Vagrant | Metasploit | XCode

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## AWARDS AND LEADERSHIP

2018-2019 Elixir Monterrey Meetup organizer.

Aug 2018 Facebook Developer Group speaker.

June 2018 Workshop instructor to industry leaders “Digital Transformation” at Encuentro de Innovación Tecnológica.

May 2017 Workshop instructor to industry leaders “Introduction to IoT” at Encuentro de Innovación Tecnológica.

May 2015 Mentor at Hacker School Monterrey.

Nov 2014 Panelist on a discussion panel of INCmty.

June 2014 CS169.Ix engineering Software as a Service Edx.

Feb 2014 1st Place at OpenData Monterrey Hackathon.

Mar 2014 2nd Place at Hackathon 7.0 at ITESM.

2013 Electronic Frontier Foundation Member.

Apr 2013 1st Place at Hackathon 5.0 at ITESM.

Mar 2013 Certificate in Ethics, Social Responsibility and Enterprise.

Oct 2012 1st Place at Hackathon 4.0 at ITESM.

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## EDUCATION

### Tecnologico de Monterrey 2011-2016

Bachelor of Computer Science and Technologies.