



## PERSONAL INFORMATION

🏠 Buenos Aires, Argentina

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📄 demianr85

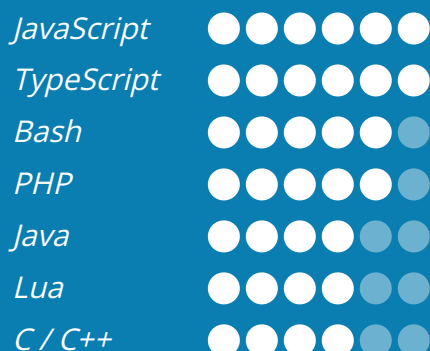


## PERSONALITY

- ✓ Self-motivated
- ✓ Organized
- ✓ Independent
- ✓ Critical and analytical thinking
- ✓ Meticulous
- ✓ Self-taught



## PROGRAMMING LANGUAGES



## SKILLS

- ✓ Node.js
- ✓ HTML 5+
- ✓ React
- ✓ SQL
- ✓ PostgreSQL
- ✓ Redis
- ✓ Git
- ✓ Serverless
- ✓ Docker
- ✓ Unit Testing & TDD
- ✓ Regular Expressions
- ✓ Object oriented & Functional programming
- ✓ Deno
- ✓ CSS 3+
- ✓ Redux
- ✓ NoSQL
- ✓ MongoDB
- ✓ REST
- ✓ AWS
- ✓ Blockchain
- ✓ Electron

# DEMIAN ANDRES RODRIGUEZ

*Full Stack Web Developer, Javascript Engineer & Node.js enthusiast*

I'm a Full Stack Javascript Developer with more than 15 years of experience building complex single-page Web Apps.

I discovered Node.js in its early stages (v0.1) and made my way into asynchronous logic by creating many Apps for real-time monitoring and statistics generation. Since then, I started focusing my career on Node.js.

Currently, my preferred tech stack for building Web Apps and RESTful services is Javascript/Typescript + React/Redux + Node.js + Express + MongoDB/PostgreSQL + Heroku/AWS + Serverless

Many of my recent projects are IoT-related and rely on many AWS services, including Kinesis, Lambda, RDS, API Gateway, ElastiCache, EC2, and Elastic Beanstalk.

I have experience working with electronic devices and home-automation systems that use the MQTT protocol for pub-sub real-time communication.

I like having the possibility to research and stay up to date with the latest tech trends to innovate and develop stunning products with high functionality, usability, and visualizations.

I consider myself to have critical and analytical thinking, being meticulous, organized, and self-motivated. I'm also an advocate of TDD and writing clean, modular, and maintainable code.



## EXPERIENCE

05.2017 - 05.2021

### Altoros

*Full Stack Node.js Developer*

Participated in many IoT projects based on Xively / Google Cloud platform.

Technologies and languages used: Node.js, Typescript, React, Redux, PostgreSQL, Redis, MQTT protocol for device real-time communication. Most of the applications were built based on serverless architectures hosted on AWS.

11.2016 - 04.2017

### Team Capture

*Full Stack Node.js Developer*

Created an Electron cross-platform application using WebRTC and cutting edge Web technologies for video/screen/audio real-time sharing.

09.2016 - 10.2016

### AmberAds

*Full Stack Node.js Developer*

Implemented various providers for a real-time bidding platform based on the OpenRTB latest specification.

Also carried out the transition to the latest LTS version of Node.js using ES6 cutting-edge features, while improving performance, code readability and modularity.



## LANGUAGES

Spanish



English



## CERTIFICATES

Cambridge First Certificate exam. *Grade B.*



## EDUCATION

2004 - 2008

**Universidad Argentina 'John F. Kennedy'**

*Computer Software Engineering*

2003

**UBA**

*CBC*

1996 - 2012

**Colegio Santa Teresita del Niño Jesús**

*Art, design and communication certificate*



## HOBBIES



Technology



Cycling



Travel



IoT



Blockchain



Finance

01.2013 - 08.2016

### Avature

*Frontend Engineer*

I worked on innovative features for the user interface of an enterprise recruiting Web application.

Using Javascript ES6 features, I proposed enhancements to the core UI framework.

Heavy use of TDD, UI & Unit testing.

Led a small team and developed a social network from scratch.

09.2010 - 12.2012

### Nicestream

*Node.js Engineer*

I was involved in the design and development of various Web applications using social APIs in order to monitor the popularity of brands and/or entities.

I worked with a small team as the development leader.

We used Twitter streaming API for real time data analysis, Node.js as the core technology, PerconaDB and NoSQL solutions like MongoDB & Redis to solve performance issues.

Heavy use of Javascript & Web APIs at the front-end for realtime statistics generation.

01.2009 - 09.2010

### ZedPlan

*Technical Leader*

I led a small team and crafted an online Bingo and a multiseach engine implementing more than 10 APIs for flight, hotel and holidays.

02.2007 - 09.2009

### GFDD Group

*Web Developer*

Web 2.0 development.

I also developed a small Java desktop application to control a remote music player.

09.2006 - 12.2006

### Argentina.com

*Web Developer*

I created a photo gallery from scratch, employing all the Web 2.0 concepts and using GraphicsMagick server-side for image manipulation.