

# Juan Carlos Arteaga Amate

Software Engineer

Email : juancarlos2992@gmail.com

Phone: (+52) 461-189-2364

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## MAIN TECHNOLOGIES

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**Languages:** JavaScript, TypeScript, Python, HTML, Ruby, CSS, SASS, SQL.

**Frameworks/APIs/Tools/Libraries:** React, Flask, Rails, Docker, Jenkins, Next.js, Node.js, Kubernetes.

**Cloud Technologies:** Google Cloud (App Engine, Compute Engine, Firebase, BigQuery, CloudSQL, IAM, GKE), AWS (EC2, S3, Lambdas).

**Testing:** Cypress, Selenium, Jest, Protractor.

**Database Engines:** PostgreSQL, MySQL, BigQuery.

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## RELEVANT EXPERIENCE

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### March 2017 – present

**Wizeline**

*Software Engineer, Full Time*

*Guadalajara, Jalisco, México*

- Together, with 4 engineers, a UX/UI designer and 2 data engineers, helped a healthcare company build and design a multi-tenant artificial intelligence platform for creating and training machine learning models, with tools for data ingestion, ETL and visualization; almost all from scratch. Main technologies used: React + TypeScript, Python + Flask, Docker, Kubernetes, GCP (GKE, CloudSQL, BigQuery), Auth0, Cypress.
- Collaborated with a distributed team to help the EMEA region of a media company improve their current frontend for serving content, along with 5 other developers and a UX designer, adding accessibility features, PWA capabilities, mobile web elements, internationalization, performance optimizations, migration to a newer stack. Main technologies: Ruby, CSS/SASS, JavaScript, GraphQL, Python.
- Being part of a 4 engineer and a UX designer team, built a web defense product for a security company. Main technologies used were: NodeJS, React, Redux, Google Cloud App Engine, Datastore, Selenium, Protractor, Jest, Jenkins.

### September 2015 – 2017

**Oledcomm**

*Full Stack Developer, Full Time*

- Developed a VLC (Visible Light Communication)/IoT platform using Ruby on Rails, being part of a 4 person team.
- Built NodeJS server to track real-time usage data, along with a Redis database and a websocket implementation.
- Being part of a 3 people team, coded a VLC tracking SPA using Node, ExpressJS, SQLite, React and Flux.
- Lead developer on a location-aware Android app with VLC capabilities and marketplace features.

### September 2014 – July 2015

**Freelance**

*Full Stack Web Developer, Freelance*

- Developed and implemented a school management software, for registration and control of more than 200 users.
- Main technologies used were PHP, MySQL, JavaScript, HTML5, Bootstrap, along with a basic REST API.

### August 2014 – March 2015

**Tata Consultancy Services**

*Security Administrator, Internship*

- Level 1 and 2 bilingual support for a large US-based company (Walgreens) in the Security Administration area.
- Main supported technologies were Active Directory, RSA SecurID, McAfee Endpoint Encryption, Bitlocker, UNIX.

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## EDUCATION

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**2010 – 2015**

**Instituto Tecnológico de Celaya, Celaya, Guanajuato, México.**

Bachelor of Computer Systems Engineering. ISIC-2010-224