

Juan Carlos Arteaga Amate

Software Engineer

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MAIN TECHNOLOGIES

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.

RELEVANT EXPERIENCE

March 2017 – present

Wizeline

Senior Software Engineer, Full Time (August 2019 –)

Software Engineer, Full Time (March 2017 – August 2019)

- Together, with 4 engineers, a UX/UI designer and 2 data engineers, helped build and design a multi-tenant artificial intelligence platform for creating and training machine learning models for a healthcare company, 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 – March 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, Express, 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 pharmacy store chain in the Security Administration area.
- Main supported technologies were Active Directory, RSA SecurID, McAfee Endpoint Encryption, Bitlocker, UNIX.

EDUCATION

2010 – 2015

Instituto Tecnológico de Celaya, Celaya, Guanajuato, México.

Bachelor of Computer Systems Engineering. ISIC-2010-224