

# EMMANUEL AVILA CASTANEDA

## Android Developer & QA Engineer

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Guadalajara, México

[GitHub](#)

[LinkedIn](#)

[Portfolio](#)

### EDUCATION

#### Boot Camp TripleTen

México

2024 - Finished

#### Ing. Sistemas Computacionales

ISU Universidad, México

2023 - Intern

#### Boot Camp Henry

Argentina

2022 - Finished

#### Ing. Mecánica Eléctrica

Universidad de Guadalajara, México

2017 - Bachelor Degree

### SKILLS

- Teamwork
- Self-starter
- Responsible
- Communicative
- Committed
- Organized

### TECHNOLOGIES

- Android Studio
- Kotlin
- Flutter
- Postman
- Selenium (Python)

### IDIOMS

- English B1

Android Developer and QA Engineer with experience in the creation and maintenance of mobile applications using **Kotlin** and **Android Studio**. I also have experience in software testing with tools such as **Postman**, **Selenium**, **Equivalence classes** and **Boundary Values**. I work effectively in collaborative environments, contributing ideas and solutions in development. I am **committed**, **responsible**, **patient** and **determined** to find the best solutions to any requirement.

I am passionate about continuing to grow, improve and contribute to my teams so I continuously keep learning.

### EXPERIENCIA Y PROYECTOS

#### ANDROID DEVELOPER (Kotlin y Flutter)

Busmen - Geovoy

November 2022 - Currently

Android application developer with Kotlin and Dart (Flutter) language.

#### Projects:

##### Rutas Busmen:

Application with more than 1000 users where they can visualize the route, stops and real position of their transport unit.

- Design and development of user interface and consumption functions from **APIs (REST and Google Maps)**.
- **MVVM** Architecture.
- Transport unit position tracking by means of connection to Information Sockets.

##### Instaladores Busmen:

Mobile application for taking evidence of GPS installations developed with the **Kotlin** language.

- Forms with the option to upload images from the gallery.
- GPS operation verification screen through connection to information sockets and **Google Maps**.

##### Operadores Busmen:

Unit and user address tracking application developed with the **Flutter** framework.

- Development of existing design and **Sockets** connection functions, **APIs consumption (REST and Google Maps)**.
- Use of **Provider** state manager.

##### Maintenance, bug fixes and upgrades of applications in production:

- Geo Rastreo
- Busmen Usuarios
- Asignaciones Rutas

Tienda: [Geovoy](#)

## INTERESTS

- Read
- Study
- Bricolage
- Learn new things.

## QA ENGINEER

Busmen - Geovoy

April 2024 – Currently

As a quality engineer I have, among others, the responsibilities of requirements analysis, checklist creation, test cases, functional tests and bug reporting.

### Projects:

#### Busmen Rutas (REST Api)

Development of tests for Api "Busmen Rutas" which performs the connection between the database.

- Checklist creation.
- Manual testing according to checklist.
- Error reporting to development team.

#### Rutas Fact (Web)

Functional tests to the module "New route registration", this module creates the routes visible routes in mobile applications.

- Checklist creation.
- Checking of fields using the techniques of:
  - Boundary values
  - Equivalence classes
- Functional testing according to checklist.
- Error reporting to development team.

#### Servicios Busmen (Mobile)

Manual tests for the "Routes visualization" screen which receives information from the routes created in the "Routes Fact" platform.

- Creation of test cases.
- Functional tests according to Test Cases.
- Creation of error reports for the development team.

## ING. ELECTRIC PROJECTS AND MAINTENANCE.

TESLA Pruebas Eléctricas, Jalisco

2017-2022

- **Logistics** and **organization of work teams** to carry out maintenance projects for primary maintenance projects for primary electrical equipment in the private sector.
- Preparation of **budgets, quotations** and **supervision of the client's hand** to meet the of the client to meet the objectives and requirements requested.