

# Tănase Gula

## Curriculum Vitae

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<https://tasegula.github.io/>

## Education

- 2015–2018 **Master's Degree in Computer Science**  
*Faculty of Automatic Control and Computer Science, Univesity Politehnica of Bucharest* Advanced Software Services.
- 2011–2015 **Bachelor's Degree in Computer Science**  
*Faculty of Automatic Control and Computer Science, Univesity Politehnica of Bucharest.*

## Work Experience

- May 2016 **Android Developer** *Greener Pastures.*  
present

Participated in complete development cycles by owning the release of new features, from proper analysis, planning, development, testing and enhancement of the code.

- o Analyzing UI/UX and consulting with the client.
- o Collaboration with product owners, designers, other developers.
- o Prototyping new features for in production apps.
- o Refactoring the code base to leverage the latest in Android development.

Developed Android apps for projects of different sizes: from emulating the Android OS functionalities to simple, serverless apps.

Developed a Xamarin.Forms app (iOS and Android) with Firebase backend.

- May 2014 **QA Engineer** *Endava Bucharest.*

- Apr 2016
- o Service Level Testing with Scala and Akka in a microservices architecture.
  - o Test Framework and DSL in Scala and Akka for generating SLT flows.
  - o Test Framework Development in Selenium WebDriver with Java and C#.

## Side Projects

- 2016 **Bikla - bike renting made easy.**

Bike sharing project that comes as a viable solution to pleasantly avoid Bucharest's crowded traffic. Android app and Scala server, with Python enabled smart racks.

- 2015 **Visualization tool for Earthquakes.**

Paper accepted at the Workshop-ADiS-2015: The 6-th International Workshop on Autonomic Distributed Systems and for publication in IEEE CPS Conference Proceedings. Implemented in Java, using ArcGIS SDK.

- 2015 **Carbon Spaced Repetition Learning App.**

- 2015 **Science TV YouTube science channels aggregator.**

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## Competitions

- 2016 **Innovation Labs 2016 - Bikla.**  
Bucharest finalists
- 2014 **BEST Engineering Marathon - Federated Search Engine by Endava**  
*Technologies:* Java Servlet + Javascript, CSS and HTML.  
First Place (Git)

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## Technology Stack

- Programming Languages
  - o Kotlin, Java
  - o SQL
  - o C# / Xamarin experience
- Frameworks and Libraries
  - o Android MVVM and Data Binding
  - o RxJava (RxAndroid, RxKotlin)
  - o Retrofit, Dagger, Picasso, Android Room
- Misc.
  - o Linux, Bash
  - o Scala, Python, C/C++
  - o OpenGL and glsl shaders

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## Languages

- Romanian **Native**
- English **Advanced**

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## Personal Skills

- Communication Skills gained through my experience in public speaking by of the spokespersons to represent the faculty in schools around the country, and by representing my employers to the client and at different job fairs.
- Learning Skills demonstrated by working with multiple languages and technologies.

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## Interests

- Programming and new technologies
- Android Development and Design
- Reading, Traveling