***Grama, Lda*** was founded on January of 2017 and the core of our team worked in Telecom related projects in the 9 previous years. Most of that work was done for Vodafone Group, but we also delivered projects to Deutsche Telekom, SwissCom, EirCom and Telia Sonera. For Vodafone Group, we have the experience of delivering software for their following partner markets: VF-PT (Portugal), VF-ES (Spain), VF-UK (United Kingdom), VF-IE (Ireland), VF-DE (Germany), VF-NL (Netherlands), VF-CZ (Check Republic), VF-TK (Turkey) and VF-EG (Egypt).

Customers we worked with since founding our company:

* **Velona Systems** ([www.velonasystems.com](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRkiK6uuNnA&s=373&u=http%3a%2f%2fwww%2evelonasystems%2ecom)):
We have designed, developed and delivered 3 products related to VoIP Security for Velona. Velona, which is an Irish company backed by Enterprise Ireland amongst other investment funds, specified their product needs and entrusted to Grama the design process of their products, their development and quality assurance, as well as the management of their products lifecycle in Amazon’s AWS cloud infrastructure.
* **ReadinessIT** ([www.readinessit.com](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRhrbuLuOyw&s=373&u=http%3a%2f%2fwww%2ereadinessit%2ecom)):
We have been sub-contracted by ReadinessIT to design, develop and deliver an Inventory Management System for the store of the telecom operator; in this case we are delivering the project to Entel, the biggest telecom operator in Chile and Peru.
Additionally, we also do customized development on their own products, as professional services.
* **Physalina** ([physaline.pt)](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRkOK7bmHng&s=373&u=http%3a%2f%2fphysaline%2ept%29)
We are currently designing and developing an online store for Physalina to sell their food & sweets related products. The store has a built in Back-Office that integrates with a Catalogue, Inventory and Order Management Systems and is able to process payments and deliver tax invoices by email.
* **Perceive3D** ([https://perceive3d.com](https://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRk_cue6Mmw&s=373&u=https%3a%2f%2fperceive3d%2ecom))
As part of one of their product offerings, we are currently designing and developing an Android mobile app to assist doctors in doing Femur and Tibia operations. We provide the Android App that integrates with Perceive3D’s internal modules that are capable of doing VR (Virtual Reality) and AR (Augmented Reality) that assist the doctors in the operation room.
* **HSCom** ([http://hscom.pt](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRkqHuOqHyg&s=373&u=http%3a%2f%2fhscom%2ept))
We have designed and are currently developing a mobile application to display the status of the configuration of engine modules of recreational avionics. The app also allows the user to change and apply new configurations to the engine in real-time
* **NovaSeek** ([www.novaseekreasearch.com](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRk-J6OOMyA&s=373&u=http%3a%2f%2fwww%2enovaseekreasearch%2ecom))
We have done Frontend development work for the Web Portal and Administration Backend of their core product that allows scientists to search and obtains biospecimens from patients with a certain criteria.
* **CapturAGP** ([http://www.agpreport.org/](http://scanmail.trustwave.com/?c=6600&d=5J3V3KxEc6wlhh7lzxpySbMORnYQbF6xRk6MuL6Hmg&s=373&u=http%3a%2f%2fwww%2eagpreport%2eorg%2f))
We have done Frontend and Backend development work for the CapturAGP platform, that displays helpful information in the form of advanced graphs and charts, to help doctors diagnosing diabetes.
* **Sala-z**
A product developed in-house that allows music show promoters to look for venues that can host their shows. There are several built-in search features, including geographic searches and the platform displays all the details of a venue that allows a show promoter to do informed decisions about where to host a specific show.
Additionally, there is a Back-Office that enforces a review/approval process for new venues to be added to the site.

Additionally, we have a few internal products under development in the areas of:

* Load & Stress testing of Web Sites and VoIP Systems
* Big data for Social Good, where large pools of mobile operator’s data is anonymized and used in projects that benefit the communities
* Serverless architectures and techniques to reduce the operation costs (OPEX) of standard Telecom components, such as Inventory Management, Catalogue Management and Order Management among others.

Based on the projects that we have worked on and in the experience that we have collected from them, we consider ourselves to have expertise in the following areas:

* Project management
* Solutions design
* UI/UX design
* Frontend software development (mainly with Angular)
* Backend software development (mainly in Java)
* Database design (both Relational and NoSQL)
* Automated testing
* Amazon AWS cloud infrastructure