



# Gulbala Salamov

## Software Developer

**Office Location:** Saint Petersburg, Russia

**Place of Residence:** Ankara, Turkey

**Nationality:** Turkish, Azerbaijan

### Personal Profile

I am a Software Developer with a Researcher experience from reputable universities. I have improved skills in problem identification and implementation of effective solutions. I have good interpersonal communication and social skills.

I'd like to invest in myself further with top skills modern engineers need to succeed. I have 3 years experience in agile software engineering practices from conception to completion and 1 year active professional programming experience. Recently my focus shifts into best practices applied in the industry.

### Education

BS, Computer Education & Instructional Technologies

2010 – 2014

Middle East Technical University, Turkey

MSc, Computer Science

2014 – 2016

Swansea University, U.K.

### Professional Experience

Software Developer & Technical Writer – eSystems Nordic

Feb. 2022 – till present (Full Time, Remote)

Researcher & Jr. Software Developer – University College London, U.K.

Apr 2019 - June 2020 (Full Time)

Researcher & Developer Intern – State University of New York, U.S.A

June 2017 - Sep 2017 (Full Time)

Jr. Software Development Specialist – SIP Azerbaijan

Sep 2013 - Sep 2016 (Part Time, Project based)

ICT Teacher Intern – Middle East Technical University, Turkey

Feb 2014 - June 2014 (Part Time)

ICT Teacher Intern – Private Ari Schools, Turkey

Feb 2014 - June 2014 (Part Time)

### Contact

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### Languages

- TURKISH – **MOTHER**
- AZERBAIJAN – **MOTHER**
- ENGLISH – **BUSINESS**
- RUSSIAN - **INTERMEDIATE**
- GERMAN – **BEGINNER**

### 5 Words to Describe Me

- Problem solver
- Consistent
- Kind
- Positive
- Enthusiastic

### Industry Experience

- ICT Services
- Education
- Healthcare & Life Sciences
- Travel & Hospitality

## Major Projects

### • ECSAnVis

Extreme Citizen Science Analysis and Visualisation (ECSAnVis) is a five-years, €2.5M project funded by the European Research Council (ERC), aiming at the development of geographical analysis and visualisation tools that can be used, successfully, by non-literate people and any other community in a culturally appropriate ways, that further fit their needs and social practices.

The work further builds on Sapelli, an open-source Android project that facilitates data collection through highly configurable icon-driven user interfaces. The transmission of complete records is handled autonomously to another phone using sms or a GeoKey web server.

<https://www.geog.ucl.ac.uk/research/research-centres/excites/projects/extreme-citizen-science-analysis-and-visualisation-ecsanvis>

### My role - Android Developer

Apr 2019 – June 2020

- Designed and implemented interactive prototypes for Sapelli Visualiser to display collected geographically meaningful.
- Maintained Sapelli Collector, fixed bugs, added new functionalities.
- Picked up existing code base, wrote better and maintainable code.
- Improved the documentation further using GitHub as a source management repository.
- Contributed to academic research, presentations and workshops

Applications:

- Android, Java, SQL, Python, Adobe XD, Git

## Skillset (Level 1-5)

1 - Poor, 2 - Modest, 3 - Average, 4 - Good, 5 – Excellent

A. PROGRAMMING LANGUAGES	LEVEL OF COMPETENCE
Android	●●●●○
Java	●●●○○
SQL	●●●○○
Version CS (Git, Github)	●●●●○
Code Organization (OOP, FP, Design Patterns)	●●●●○
Testing Framework (Debugging, Junit5)	●●○○○

## What Motivates Me

- Solving real life problems by building software solutions
- Researching and creating contents both educational and scientific
- Learning and sharing my knowledge

## SuperPowers

Interpersonal  
Communication

Social Skills

Team Player

Fast Learner

B. SERVER SIDE TECHNOLOGIES	LEVEL OF COMPETENCE
Java	●●●○○
Framework (Spring)	●●○○○
Spring Framework Core (Configuration, MVC, DI)	●●○○○
Spring Boot Databases (Spring Data JPA, PostgreSQL, MySQL)	●●●○○
Spring Security (JWT, Auth & Authentication)	●●○○○

C. FRONT END TECHNOLOGIES	LEVEL OF COMPETENCE
Language (CSS, HTML)	●●●○○
Framework (Angular)	●○○○○
Prototype (AdobeXD, Figma)	●●●●●

D. LOW-CODE & NO-CODE TECH	LEVEL OF COMPETENCE
OutSystems	●●○○○

E. OTHER SKILLS	LEVEL OF COMPETENCE
OAS & Swagger	●●●○○
R & D, Academic Writings	●●●●●
Soft Skills (Communication, Patience, Time Management, Open Minded)	●●●●●
Additional Tools (Jira, Slack, Teams)	●●●●●

## What am I most proud of

I've a passion to share my knowledge. So, to help novice programmers and students I published Android Mobile Programming book written in Java which was recommended supplementary text book in Turkish universities in 2017. I have also contributed to and co-authored in a number of scientific research and publications.

## Books

### **Android Sanati – Android Mobile Programming Book**

(Gulbala Salamov<sup>1</sup>, Volkan Gurbuz<sup>2</sup>)

LEVEL Publishing House, Turkey (2017)

ISBN 6058352766

<https://www.kitapyurdu.com/kitap/android-sanati/434078.html>

## Publications

### **A Novel Portable Nanotechnology Approach for Targeted Cancer Therapy**

2nd International Symposium on Multidisciplinary Studies Innovative Technologies (2018)

Authors: Bunyatova, U., Kocum C., Haberal E., Salamov G.

<https://ieeexplore.ieee.org/document/8567302>

### **New Strategy of Distance Education**

Universal Journal of Educational Research,  
Horizon Research Publishing, USA (2014)

Authors: Bunyatova, F., Salamov, G.

[http://www.hrpub.org/journals/article\\_info.php?aid=1578](http://www.hrpub.org/journals/article_info.php?aid=1578)

### **Simulation Learning Based on Formal-Logical and Fuzzy Logics**

6th International Computer and Instructional Technologies  
Symposium, Turkey (2012)

Authors: Bunyatova, F., Salamov, G.

[https://www.pegem.net/Akademi/kongre\\_detay.aspx?id=137107](https://www.pegem.net/Akademi/kongre_detay.aspx?id=137107)

### **Logic of Integrity, Fuzzy Logic and Knowledge Modelling For Machine Education**

5th International Conference on Application of ICT, Azerbaijan (2011)

Authors: Bunyatova, F., Salamov, G.

<https://ieeexplore.ieee.org/document/6110956>

## Certifications

IELTS Score: 6.5

2018

## Professional Membership

### **European Cooperation in Science and Technology (COST) (2018 - )**

Citizen Science Work Group Member

WG2: Developing synergies with education

WG4: Enhance role of CS for civil society

<https://cs-eu.net/users/gulbalasalamov>