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

+90 536 710 2202
[1] github.com/gulbalasalamov
[2] linkedin.com/in/gulbalasalamov
[3] g.salamov@gmail.com

🌐 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*:*
  o 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[1] , Volkan Gurbuz [2])
LEVEL Publishing House, Turkey (2017)
ISBN 6058352766
https://www.kitapyurdu.com/kitap/android-sanati/434078.html

💼 Publications

Android Sanati – Android Mobile Programming Book
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LEVEL Publishing House, Turkey (2017)
ISBN 6058352766
https://www.kitapyurdu.com/kitap/android-sanati/434078.html

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

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

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: Developer synergies with education,
WG4: Enhance role of CS for civil society