



## Gheorghe Sârbu

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### ABOUT MYSELF

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Interested in practical measures for e-government, intensive automation of all areas of human activity and its socio-political implications, and the management and psychology of ICT education/digital skills.

Technical interests are in large-scale IT enterprise architectures and business process modelling tools for digital transformation and optimization of flows.

Alumnus of the International Visitor Leadership Program 2020, „Technology for Social Good”, US State Department.

Recipient of the „30 under 30” Romania award, in 2017, for work with innovative IT start-ups, from Forbes.

President of the National Professional Council of the Social Democratic Youth - Romania (TSD).

### WORK EXPERIENCE

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#### Business analyst

**Authority for Digitalization of Romania** [ 19/09/2024 – Current ]

City: Bucharest | Country: Romania

IT Expert - Business Analyst for Digital Transformation of Romanian central public institutions: role in providing technical assistance to public institutions applying for EU funding aimed at digitally transforming their operations and the public services they provide.

#### Advisor to State Secretary

**Ministry of Research, Innovation and Digitalization of Romania** [ 15/03/2022 – Current ]

City: Bucharest | Country: Romania

Areas related to public policy for research and innovation, and Romania's membership application to the OECD on matters of digital.

#### Member of the Board

**Innovation Labs Romania** [ 01/12/2022 – Current ]

City: Bucharest | Country: Romania

Strategic advisory role for Romania's largest digital technology university-based startup accelerator - mainly on topics related to government affairs and relevant public funding

#### Management assistant

**European Parliament** [ 25/03/2024 – 16/07/2024 ]

City: Brussels | Country: Belgium

Assistant to member of the European Parliament Bureau member - Quaestor Victor Negrescu.

## **Councillor to the Head of the Chancellery of the Prime Minister**

**Chancellery of the Prime Minister of Romania** [ 14/07/2023 – 25/03/2024 ]

City: Bucharest | Country: Romania

Areas related to: content coordination of the 3SI Business Forum 2023 - panels and secretariat; public policy for science & technology; public policy for protection of intellectual property

## **Advisor to the Minister**

**Ministry of Agriculture and Rural Development of Romania** [ 15/01/2022 – 15/06/2022 ]

City: Bucharest | Country: Romania

Areas related to institutional digital transformation and sectorial science, innovation and technology

## **National Community Manager**

**Innovation Labs** [ 01/01/2017 – 01/12/2022 ]

City: Bucharest | Country: Romania | Website: <https://innovationlabs.ro/>

Part of the core team at Innovation Labs, Romania's largest technology startup university-based accelerator, responsible with managing the alumni and university ambassadors communities. Also, with a general role in running the program, alongside the rest of the core team.

## **Vice-President**

**Agency for Digital Agenda of Romania** [ 15/10/2019 – 15/02/2020 ]

City: Bucharest | Country: Romania

Vice-President (State Under-Secretary) – strategies, policies, programmes, and projects for digital transformation of public administration; co-ordination of transformation from state agency to state authority (wrote governing document)

## **Advisor to the Minister**

**Ministry of Communications and Information Society** [ 30/01/2017 – 15/10/2019 ]

City: Bucharest | Country: Romania

Advisory responsibilities in areas related to:

- Implementation of the IT part of the Governing Manifesto 2016-2020.
- Simplification, harmonization, and innovation of legislation related to digital economy and society.
- Application of key digital enablers in public administration for implementation of EC eGovernment Action Plan 2016-2020.
- Analysis and plan to implement the Single Digital Gateway for Romania.
- Coordination role over the preliminary phases in the construction of unified strategies for Romania, in the fields of central government digital transformation and AI adoption.

Member of the Technical Commission of Specialists (CTS) attached to the Technical-Economical Committee for Information Society of the Government of Romania (CTE). Job responsibilities included the analysis of publicly-funded projects with an IT component and the proposal of recommendations for the CTE. Analysis criteria: cyber security, interoperability, technological neutrality, multiple financing.

Part of the ministry's team of experts responsible with providing technical assistance (advice, writing of project documentations) for digital transformation efforts of central administration.

Represented Romania in the European Commission's Group of Experts for the Digital Europe Programme. Managing Romania's involvement in the Program and developing recommendations for decision-makers.

## **Teaching Assistant**

**Politehnica University of Bucharest, Computers Department** [ 01/10/2016 – 30/09/2019 ]

City: Bucharest | Country: Romania

Teaching assistant in the areas of Computer Architecture, hardware description languages and assembly programming.

### Research Associate

**University of Cambridge, Computer Laboratory** [ 01/10/2012 – 30/09/2016 ]

City: Cambridge | Country: United Kingdom

Part of the Computer Architecture Research Group at the Computer Laboratory, University of Cambridge. Supervise students in the areas of Digital Design, Computer Architecture, System-on-Chip and Hardware Support for Operating Systems.

### Associated Teaching Assistant

**Politehnica University of Bucharest, Computers Department** [ 01/10/2009 – 30/09/2011 ]

City: Bucharest | Country: Romania

Conducted laboratory and teaching work, as co-opted student, in the Electronics and Computer Architecture Laboratories.

## EDUCATION AND TRAINING

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### Master of Philosophy (MPhil), Advanced Computer Science

**University of Cambridge** [ 01/10/2011 – 30/09/2012 ]

City: Cambridge | Country: United Kingdom | Website: <https://www.cam.ac.uk/> | Field(s) of study: Information and Communication Technologies (ICTs) | Final grade: 77.6/100 - Distinction | Level in EQF: EQF level 7 | Thesis: Power simulations of digital logic circuitry

Research master programme, with a focus on computer architectures and research skills for computer science

### BEng, Automatic Control and Applied Computer Science

**Politehnica University of Bucharest** [ 01/10/2007 – 30/09/2011 ]

City: Bucharest | Country: Romania | Website: <https://upb.ro/> | Field(s) of study: Information and Communication Technologies (ICTs) | Final grade: 10.00/10.00 - Head of Generation | Level in EQF: EQF level 6 | Thesis: VLSI Implementation of DSP Algorithms

Main areas of study:

- systems engineering - automatic control
- software engineering
- electrical and electronical engineering
- theoretical and applied computer science

### Highschool graduate

**Spiru Haret National College, Tulcea** [ 15/09/2003 – 30/09/2007 ]

City: Tulcea | Country: Romania | Website: <https://www.spiruharet-tulcea.ro/> | Field(s) of study: Information and Communication Technologies (ICTs) | Final grade: 9.92/10.00 - Head of Generation | Level in EQF: EQF level 4 | Thesis: Baccalaureate

STEM profile, with a focus on mathematics and computer science.

Other activities:

- various Olympiads and school contests, including a recurring participant in national finals for history;
- student representative.

## LANGUAGE SKILLS

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**Mother tongue(s):** Romanian

## Other language(s):

### English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

### French

LISTENING B1 READING C1 WRITING B2






SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

## DIGITAL SKILLS

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### Digital Skills - Test Results

 Information and data literacy	<b>ADVANCED</b> Level 6 / 6
 Communication and collaboration	<b>ADVANCED</b> Level 5 / 6
 Digital content creation	<b>ADVANCED</b> Level 6 / 6
 Safety	<b>ADVANCED</b> Level 5 / 6
 Problem solving	<b>ADVANCED</b> Level 6 / 6

Results from a [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

### My Digital Skills

#### Software engineering

Software Architectures / HTML, CSS / (Programming) Languages: C/C++, PHP, Python, MATLAB, R / Database administration, SQL / DevOps, Kubernetes / Cloud provisioning

#### Computer science fields

Complexity theory / Machine learning, Neural networks / Systems theory / Social networks effects / Hardware description languages: System Verilog

#### Hardware design

Computer micro-architectures / Computer architectures

#### Utility Tools

VTC / Adobe illustrator, InDesign, Photoshop / Microsoft Office / Google Drive / Social Media