

## Contact

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## Top Skills

Enterprise Architecture  
Generative AI  
Consulting

## Languages

Croatian (Native or Bilingual)  
English (Full Professional)  
German (Limited Working)

## Certifications

IBM Consulting – Communicating Value  
IBM Consulting Way  
IBM Garage Seller for Services  
Kubernetes Fundamentals  
AWS Partner: Accreditation (Business)

## Publications

Continuous user verification based on behavioral biometrics using mouse dynamics

# Mirko Stanić

Architect at IBM with expertise in Hybrid Cloud and Digital Transformation  
Munich, Bavaria, Germany

## Summary

As an Application Architect at IBM, I design and implement IT architecture and cloud computing strategies for various clients across different industries. With over 15 years of experience in software development and architecture across automotive, public sector and education industries, I have a strong background in system architecture, software development, and software architecture. I am also a Master Certified Architect by the Open Group and AWS Certified Architect, demonstrating my proficiency in architecture and cloud solutions.

In addition to my role at IBM, I have been involved in several national and international projects related to digital diplomas and credentials. As the National Representative for Croatia on the European Blockchain Partnership, I initiated the development of digital diplomas in Croatia and acted as the Product Owner for the establishment of the Croatian node of the European Blockchain Services Infrastructure (EBSI) network. I also led the development of the national information system for applications to undergraduate and graduate study programmes in Croatia. My goal is to leverage my skills and experience to create innovative and impactful solutions that benefit society and the economy.

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## Experience

### IBM

Senior Application Architect  
February 2022 - Present (3 years 3 months)  
Munich, Bavaria, Germany

Application and Cloud Architect at IBM. Responsible for cloud solution design and delivery. Designing and implementing IT architecture and cloud computing strategies for various clients. Wide industrial experience, including Automotive, Education and Public Sector from client engagements in Europe.

## European Commission

### National Representative at the European Blockchain Partnership

April 2019 - January 2022 (2 years 10 months)

Brussels Area, Belgium

Representative for Croatia on the European Blockchain Partnership in the areas of self-sovereign identity and digital diplomas. Through this function I started the initiative for digital diplomas in Croatia and also acted as Product Owner for establishment of the Croatian node of the European Blockchain Services Infrastructure (EBSI) network.

## Agency for Science and Higher Education

10 years 11 months

### Lead Architect

July 2015 - January 2022 (6 years 7 months)

Zagreb, Croatia

Product Owner and Software Architect of the national information system for applications to undergraduate and graduate study programmes in Croatia. I initiated the development of this new system which resulted in an increase in student vertical mobility by 40%. On the project I acted as the database designer, systems architect and later product owner in a team of 5 developers. A REST API was implemented for communication with other national systems such as taxation and citizen eID authentication system (eCitizen).

I developed the architecture for the Croatian national platform for digital diplomas and credentials as a part of a project called TRACER. The project is lead by the Croatian Ministry for Science and Education and is being done in cooperation with the Institute for Social Research in Zagreb.

I started the Croatian membership in the EMREX network for student record exchange and later started the product development process for of the Croatian National Contact Point on which I was the Systems Architect. The NCP provided students access to digital transcripts of their grades and reduced administrative overhead for higher education institutions by 28%.

Architect and Scrum Master on behalf of ASHE in the Croatian consortium formed by the Croatian Ministry of Public Administration and tasked with implementing the eIDAS directive across Croatian eID services. This enabled EU citizens to utilize their existing country eID for access to Croatian education systems.

## Technical Lead

March 2011 - June 2015 (4 years 4 months)

Zagreb, Croatia

Lead information systems developer on a web application for the purpose of studying student choices, developed for a research project, Demand for College, College Choice and Information Asymmetry, which ASHE conducted in association with Princeton University, USA. The application was implemented using agile development methodologies.

Product Developer and agile director on the Croatian national database for secondary education state level competitions which enabled automated exchange of said records for purposes of enrollment into higher education.

Product Developer on internal systems for ASHE which increased productivity by merging multiple communication channels into a single stream. These systems included a CRM for case tracking, linking of phone call recordings with user profiles in the application interface as well as new websites for Central Applications Office ([www.studij.hr](http://www.studij.hr)) and the Agency for Science and Higher Education ([www.azvo.hr](http://www.azvo.hr)).

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## Education

University of Zagreb/Sveuciliste u Zagrebu

M.Sc.ICT, Information and communication technology · (2008 - 2010)

University of Zagreb/Sveuciliste u Zagrebu

B.Sc.CS, Computing · (2005 - 2008)

## MIOC

High School, (Educational Center for Mathematics and Computer Science) · (2001 - 2005)