

Csaba Bodor

Personal summary:

Writing programs since the age of 10, always interested in making them more efficient using less and better structured code. A pragmatic programmer who likes clean code.

15 years experience working on commercial production level software: 3 desktop applications and multiple web backends, with some frontend experience.

Interests: decentralization, blockchain, privacy, security, AI, LLM, data analysis.

Details:

Email: csabi@bxabi.com

Work Experience:

Since May 2020: C++ developer at Gefeg mbH (Berlin)

- Parsing, processing, converting communication standard definitions
 - Improving the test, delivery, publishing pipeline
 - Extracting the XML and another validator in separate services
 - Updating message format parser and validators
 - Porting the application to 64 bit
 - Helping out in developing a web browser version of the standard editor, in React, Typescript

4 months - Fulltime parenting (2022/06 - 2022/10)

2 months - Freelance developer for OMQ GmbH (Berlin, 2019/05 – 2019/06)

Integrating OMQ's customer service tool in CRMs and a shop system.

2 years - sabbatical, experimenting, freelancing (Berlin, 2018/02 – 2020/02)

Experimenting with blockchain/cryptocurrencies, deep learning

1.75 years - Java developer at SemanticEdge GmbH (Berlin, 2016/05 – 2018/01)

State engine, entity management for a voice-controlled assistant platform (with focus on smart TV and smart home)

4.75 years - Java developer at Transinsight GmbH (Dresden, 2010/12 – 2015/09)

Semantic search department:

- search engine for medical publications
- search engine for array express gene expression data
- website search plugin for Wordpress and adipogen.com
- interactive research map of the publications about demography in Germany

Geophysics department: from 2013, adding features to the 3D underground modeller [lgmas+](#)

- implementing the [Surface Simplification Using Quadric Error Metrics](#) for triangulated models
- cuts in arbitrary position and angle of a 3D model
- distribution of the Newton Kernel calculation to a computer cluster.

5.5 years, Founder, leading developer at Gineri Software (2004/08 - 2010/01)

Industrial software for window and door producers

Education:

1999 – 2003: Babes-Bolyai University Cluj, Computer Science

Awards:

Romanian national level programming contest - awarded three times (1992, 1994, 1996)

Skillset

Programming Languages:

C++, Java, Javascript, PHP.
Experimenting with GO, Python, Rust

Software Development:

Test Driven Development, Continuous deployment

Java Stack:

Java SE, Maven, JUnit, REST, JPA, Hibernate, Tomcat, Swing, SWT (Spring Boot, Spring Cloud, Vaadin)

Languages:

Hungarian (native), English (fluent), German (intermediate), Romanian (intermediate)

Certificates:

[Master Microservices with Spring Boot and Spring Cloud](#)
[Intro to the NEM Blockchain for Developers](#)

Other:

Matlab, R, Autocad

Hobby Projects:

[Calendar event from a text description](#) – using an LLM API (Python)

[Cryptocurrency Converter](#) written using Spring Boot and Vaadin Flow (Java)

[Piano and Guitar Chord Player](#) (Javascript)

[Search movies by actor](#) - (GO backend exercise)

 [Github](#)

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