

Name:

Zbigniew Sarata

Birth date:

November 07 1951

Address:

9b F.M. Lanciego, 02-792 Warszawa

E-mail:

zbigniew@sarata.pl

CV-online:

<https://cv.sarata.pl>

Code examples:

<https://github.com/zbyszex1>

Phone:

+48 (0) 501 247 295

Graduate:

Master of science. Warsaw Technical University, faculty of electronics, electrical engineering specialist, sub-specialization: measurement of non-electric values, diploma works: project and workmanship of ultrasound flaw detector's receiver.



High school:

Prince Joseph Poniatowski Fifth High School in Warsaw. Laureate of the Physics Olympiad.

Employment:

- 01-07-1995 – 31-03-2023 B2B - contract with Inventia.LLC.
- 01-06-2022 – 30-11-2022 contractor at PricewaterhouseCoopers
- 14-06-2011 – 30-06-2020 Clusor LLC. – chairman.
- 17-09-2001 – 30-09-2007 adviser to the ZUS president on IT.
- 14-09-1986 – 31-03-1988 Unia LLC; executive director.
- 03-04-1986 – 31-08-1986 Mabel; design engineer, programmer.
- 01-09-1985 – 14-04-1986 Hector Computer Studio; information engineer.
- 01-06-1984 – 31-08-1985 foreign enterprise Karen; programmer.
- 28-12-1982 – 31-10-1983 ZAE Polon; design engineer.
- 01-08-1981 – 12-12-1981 Warsaw Technical University; design engineer.
- 01-09-1976 – 15-04-1980 Technical Laboratory o Polish Press Agency; engineer.

Experience:

- **Angular**, Azure, C++, **C#**, CSS, DevOps, Dynamics 365, Entity Framework, Google Cloud, IoT, Html, Java Script, LESS, MongoDB, MySQL, MS SQL, **.Net**, Node.js, PHP, SCSS, SQLite, Vue.js, Xml, XPath, Xsd, Xslt.

Main software projects (from most recent):

- Maintenance of Azure and Dynamic 365 web applications
- Mobile application BLE-713 Similar to Sonitus.
- Mobile application Sonitus based on quasar.js, communication - Bluetooth LE, local SQLite, text forms and graphics on canvas.
- C++ to C# converter for Microsoft Visual Studio
- Bluetooth LE communication for desktop application MTM (Windows)
- Mtmanager.online portal based on node.js/MongoDB using quasar.js together with Cordova (Android) and Electron (Windows, Linux, IOS code).
- Mobile application Agreus based on vue.js for Android OS.
- Mobilne application Dataportal (Visual Studio & Cordova) for Android OS.
- Windows and web service to communicate with battery telemetric modules.
- Application for remote control and configuration of telemetric modules.
- GPRS modem connection guardian.
- The system for declaring incoming correspondence of the President of ZUS.
- Vehicle localization system for controller of truck fleet.
- Programs supporting production quality control for Thomson-Polkolor.
- Vehicle scale programs with options of checking overloading
- Temperature controller's assembler written firmware with PIC17C756.
- RAM-DISK card driver.
- Assembler written methods for „China juggler” game.
- Disassemblers for 8088/86, 80286 i 8051 processors.
- Cross assembler for 8088/86, 6809 processors.
- BIOS for Z-80 based microcomputer.
- Foreign editorial staff of the Polish Press Agency - message editor.
- Assembler for Intel 8080 processor (byte-by-byte created).

Main hardware projects (from most new):

- Non-contact measurement of the position of the object in two axes - Arduino.
- User interface board of scale processor micro-94S.
- Graphics LED array.
- Ram-disk card for PC-XT computer.
- A/D converter card for PC-XT computer.
- Dedicated RAM modules for different computers.
- Full microcomputer with Z-80 processor.
- EPROM 1702-2716 programmer.
- Teletype Extel modifications (Intel 4040 processor).

Other experience:

- Opinion on IT equipment specifications prior to purchase (ZUS).
- Preparing of public tender documents (purchase of IT devices for ZUS).
- Coordination of software interface specifications.
- Determining of system expected functionality with end user participation.
- Definition of application architecture on the basis of functional assumptions and comments of end users.
- Supervision of server cabin construction (ZUS).

Software knowledge:

- Design environments Microsoft VS, VS Code, Vue.js, Angular.js.
- Databases MySQL, MSSQL, SQLite, Mongo DB.
- Supported programs like SubVersion, Git, InnoSetup, XmlSpy.
- Design application such as Pads, Corel, Photopaint, Autocad.
- Virtual machines such as VrtualBox and VMware.
- Microsoft Office and Open Office.
- Tool applications such as Postman, WinZip, Ghost,

Language and programming technology:

- .Net, C#,
- C++ managed and unmanaged,
- JavaScript, TypeScript, php.
- Assembles for x86, 8051, PIC, 6809, Z-80, 8080 processors.
- Technology: xml, xsd, xpath, xslt, json, html, css, less, sass.

Foreign languages:

- English at B1/B2 level (can easy read technical literature).
- Russian good communicative level. Reading and writing – basic level.

Other:

- Driving licence AB-category.
- One year military training (second lieutenant degree).
- I founded the company Clusor. One of its mobile applications has received half a million downloads. Unfortunately, there was no money from it and I suspended the company.

About me:

I always wanted to know how something worked and knew how to put it into practice. I am the opposite of the "two left hands" stereotype. I am not afraid of physically demanding jobs. However, this does not mean that I shy away from abstractions. It's programming that requires a top-down view of the system functionality that the customer needs.

I design applications by going from the general to the detail. I perform successive sprints aiming at the assumed functionality. Larger systems require groups of people to work together. As a team member, I feel equally comfortable. I am ready to suggest other paths to the goal, but I also stick to the predetermined rules.

My free time is best spent on mountain hiking and cycling trips. I am saddened by the devastation of the environment. I try to counteract it as much as possible by reducing my carbon footprint or the amount of waste I leave behind.

„I give my permission for the processing of my personal data that is essential for the recruitment process, in accordance with the Act of 29.08.1997 on the Protection of Personal Data (Journal of Laws No. 133, item 883 amended).“