

# Rafał Zubala



## Personal details

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Date and place of birth: 03.05.1981, Warsaw  
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## Education

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- 2000–2005      Warsaw University of Technology, department of Electronic and Information Technology, Master of Science in Engineering, majoring in Telecommunication (Radiocommunications and Radiolocation)
- I made studies at Technical University of Lisbon, in the department of the Telecommunications, where I wrote my Master of Science thesis “Multiuser interferences in geometrically based channel model in UMTS”.
- 1996–2000      XLIV A. Dobiszewski Secondary School in Warsaw

## Work experience

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- **Operatus Systems** (from 09.2015 – till now)

### Fullstack developer

I am full-stack developer of the Real time Enterprise Operatus project. Currently I am working mainly in Java EE, TypeScript, JavaScript, GWT, React, Node.js, Hibernate, PostgreSQL, Perl and Python.

- **Innotion** (09.2014 – 08.2015)

### Team leader

I was fullstack developer and I was involved in the development of the Workflow project. I worked mainly in Java EE, EclipseLink, JavaScript, jQuery, Velocity and MSSql.

- **Comarch S.A., SoftM Polska Sp. z o.o.** (04.2009 – 08.2014)

### Team leader

I worked in Research and Development department, where I developed the business ERP software of Comarch ERP/Semiramis system for German market

- **VisionaryDSP** (09.2008 – 12.2009)

### Co-founder

I worked primarily on TI DSP platforms and ARM processors as well. We developed i.a. ACC+ audio decoder for ARM platform or system for motion

detection for TI DSP. The projects were developed in C/C++ and assembly language.

- **Sentivision** (11.2005 - 10.2008)

**DSP software engineer**

I took part in the embedded systems projects, mainly on the TI's platforms. I worked on the acceleration of the graphics rendering, audio/video drivers, h.264 codecs and video processing. I used mainly C and assembly language for DSP processors Motorola: 56xxx and Texas Instruments C64xx.

- **Universidade Técnica de Lisboa - „A Group For Research On Wireless”** (02.2005 - 10.2005)

**Researcher/MSc student**

I worked on the radio channel simulator for the UMTS system which I developed in C++ and Matlab.

- **Sacel Poland** (07.2004 - 11.2004)

**Electronics technician**

I worked an authorized service center of Nokia mobile phones.

- **Thomson Multimedia** (07.2003 - 09.2003)

**Trainee**

I designed and implemented the network computer system (software and hardware), to support the management of the production.

## **Skills**

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- Programming languages and technologies:
  - Java EE, JavaScript, TypeScript, Perl, Python
  - Node.js, React, GWT, Spring, Hibernate, EclipseLink,
  - SQL: PostgreSQL, MS SQL, MySQL,
  - NonSQL: MongoDB, Cloud Firestore,
  - as well as C/C++, STL, Matlab, TI assembler, ARM,
- Languages:
  - English - very good
  - Spanish - very good
  - German - basic, I have Grundstufe issued by Österreichisches KulturInstitut
  - Portuguese - basic
- Driving licence

## **Interests**

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- running (10k, halfmaratons, maratons),
- road cycling,
- travels around Poland and southern Europe