Profile Summary

Senior Solution Architect with Technical Project Manager experience with over 30+ years of experience in IT across multiple industries.

- Recent experience in managing **development and maintenance** of international **e-commerce system** operating in continuous, high availability way on all continents. Supervising international team of developers and test team, responsible for **risk assessment and risk mitigation management. Managing updates releases.**
- Recent experience in design and managing development of **international e-commerce cloud based (AWS, Algolia) back-office system (distributed Java). REST services, SaaS approach**
- Several years of experience in design of **SOA based system** integration in leading **TELCO corporation** (main projects: 2 years T Mobile – main sale system integration, 3 years Orange – wholesale line rental system, PZU – design **software development workflow, ERA – design Single Sign-on,** Master Data Management integration for health insurance)
- Experience in supervising developer teams and international work coordination (Technical Project Manager in **Intelligent Handbook** – responsible for setting up polish **subsidiary and development synchronization** with Belgium branch)
- Several years of experience in **end-to-end IT solution design** in Poland and US (business requirements analysis, interdepartmental synchronization, specification preparation for internal and external contractors, technology selection, design preparation, implementation supervising, acceptance criteria and tests preparation, managing production system implementation and live updates, managing system updates and maintenance, performance analysis and problem resolution)
- Experience in processing **Earth observing satellites data** – huge volumes processed on parallel, distributed computers at **NASA**
- Design of a wholesale line rental system for major polish Telecom corporation and **design on-line data transfer** (over 10 million stations).
- Several years of experience in design of **SOA based system integration** in leading TELCO corporation (main sell system – Single Frond End)
- Experience in design **concurrent software** for heterogeneous platforms
- Experience in design **software production workflow** for major insurance corporation
- Experience in design of **systems and data integration** based on **ESB** and **MDM** (project for Health Care corporation), based on **TMForum Standards** (NGOSS, eTOM, SID)
- Experience in preparation of **HLD** and **project documentation**. Knowledge of **ULM, PRINCE2, RUP, Enterprise Architect**
- **Client oriented approach**, ability to translate client wishes to requirements for developers and acceptance criteria.
- Experience in **presales material** preparation and negotiation of technical aspects of contracts, in both Poland and US
- Ability to manage **project risks** and solve untypical problems

Skills

Java (J2EE, Cloud AWS, SaaS) *Expert*
C++ *Expert*
Py hon *Expert*
Pascal *Expert*
For ran *Expert*
SQL Da abases *Expert*
PHP *Expert*
ULM/HLD
En erprise Archi ec *Expert*
Jira/Scrum/Agile *Expert*

Languages

English *C1*
Polish *Native speaker*

Hobbies

Moun ain climbing, ski ouring, paragliding

Employment History

2014 – current Senior Solution Architect at Localized Poland (subsidiary of US based company)

- Develop the **architecture** of an international e commerce **cloud-based system (Java, AWS, SaaS).**
- Manage updates and maintenance, **risk mitigation** and **release management**.

2013 – 2014   Principal Software Engineer at Samsung Electronics Poland
- Research and development in the area of **software tools** and compiler for parallel processing on mobile devices
- Design and prototype **image enhance algorithms (hyper-resolution)** suitable for mobile devices

2010 – 2013   Senior Solution Architect at Orange Poland
- Solution architect and team leader responsible for:
  - Design and supervise the **implementation** of **wholesale line rental support** system handling inter operator communication and order processing.
  - Design **processes** and support **software** for inter operator resources migration – about 2 million telecom station.

2008 – 2010   IT Consultant at T-Mobile Poland
- System architect and team leader responsible for:
  - Supervise the **development** of main sell system (Single Front End), **business requirements analysis**, **specification management**, **design of system architecture, testing supervision** and **production system monitoring**.
  - Manage systems integration (combining several separate systems)– select **methodology**, perform **business analysis**, and design **integration specification**. Design **webservices** based solution and specification preparation for subcontractors. Supervise the implementation and design of **acceptance tests**.

2003 – 2007   Solution Architect at IMPAQ
- Manage **informatics** projects, **solution design**, **system integration**. Organize software production **processes**, **business and system analyses** for clients from financial, insurance and telecom sectors**. Security audits** of internet systems. Untypical internet and DB based solutions. Design **untypical monitoring system** for chemical pipeline industry.

1998 – 2003   Technical Project Manager at Intelligent HandBook AsP (Denmark)
- Responsible for organizing Polish subsidiary of the Company and managing local team.
- Supervise **informatics project** for Polish Ministry of Finances. Synchronize project development between local and Belgium teams.

1997 – 1998   Lecturer at Informatics Training Center – (teaching advanced C++)

1988 – 1997   Technical Project Manager at Applied Research Corporation (USA)
- Manage several large **IT** and mixed **electronics/software projects** for NASA, Dept. of Defense, Dept. of Energy, the National Institute of Standards and Technology, and National Institute of Health – in cooperation with the University of Maryland and the University of British Columbia (Canada).

1987– 1988   Post-doctoral position at the University of Pittsburgh (USA), Dept. of Electrical Engineering
- Design and supervise construction of MOCVD equipment for production of high speed electrooptical devices. Conduct numerical modeling of integrated electrooptical interconnect network.

Selected Projects

Client/ Project	Position / Responsibility	Period
International e commerce	Solution Architect responsible for development of architecture of international e commerce cloud based distributed system (Java, AWS, SaaS). Managing updates and maintenance, risk mitigation and release management.	2014 2022
Electronic corporation	Research and development in the area of software tools and compiler for parallel processing on mobile devices. Design and prototyping of hyper resolution algorithm.	2013 2014
Telecom industry	Senior solution architect responsible for the design of migration and consolidation solution for alternative operators' resources – about 2 million telecom station.	2012
Telecom industry	Senior solution architect responsible for analysis and design of sell system for wholesale line rental.	2010 2011
Health care	ESB based integration design. Data integration based on MDM technology.	2010
Telecom industry	Supervision of development of main sell system (Single Front End), business requirements analysis, specification management, design of system architecture, testing supervision and production system monitoring.	2010
Telecom industry	Systems integration (combining several separate systems)– selecting methodology, performing business analysis, and designing integration specification. Design webservices based solution and specification preparation for subcontractors. Implementation supervision and design of acceptance tests.	2009
Insurance industry	Design of software production procedures for IT dept. Analysis of role and dependencies of IT department in entire organization – design of procedures and methodology of software modification.	2008
Financial industry	Supervising security audits of Internet based systems. Modification recommendation and strategy design.	2007 2008
Telecom operator – marketing department	Design and implementation supervising of prototype system demonstrating secure integration of mobile devices and PC over Telecom Network.	2007
Security agency.	Design and implementation supervising of Internet based data acquisition system with high reliability and high defense capability for network based attacks.	2006
GOV administration	Design and implementation supervising of custom duties publishing system (PDF and Internet). Design custom duties data management system with Access controls.	1998 2003
NASA (US)	Design and evaluation of IT solution based on distributed computing. Supervising quality testing of satellite software. Software design for satellite images analysis (Earth Observing System) based on distributed and massive parallel processing platforms – in cooperation with Huges Aircraft Corp.	1994 – 1997
GOV agencies US (civilian and military)	Mixed projects electronics – software (detectors for satellites, medical data acquisition, data analysis)	1988 – 1994