

ABOUT ME

Specialist experienced with private and public cloud administration, programming on multiple platforms, hardware design, and the telecommunications industry. Implementation of large and small systems, support and test automation. With love for demanding project's.

SKILLS AND TECHNOLOGIES

Cloud providers/infrastructure:

Azure, GCP, AWS, private clouds

Software:

- JIRA, Jenkins/Hudson, Bitbucket, Gitlab, ServiceNow
- Oracle, MySQL, PostgreSQL, SQLite and IBM DB2
- PVCS, SVN, GIT, CVS
- ClarifyCRM, Geneva, IBM Sterling, SAP
- MS Windows OS family
- Unix: Solaris, Linux, BSD, Mac OS X, AIX
- IBM Lotus Notes, Zimbra, MS Office

Programming and Scripting:

- Unix Shell (bash, ksh, csh) and Windows (CMD/PowerShell),
- python, Java, C, PL/SQL and SQL, Go, ASM
- JavaScript; C#, C++, Visual Basic,
- Ansible, TERRAFORM, Puppet

Hardware and technologies:

- ARM/Sparc/IA64/x86
- Networking (Cisco/HP/Mikrotik)
- HP and Oracle (SUN) servers and clusters
- AZURE/AWS, Docker, Kubernetes, CI/CD, IaC

WORK EXPERIENCE

2023-04 –

Sabre Holdings

Lead Software Systems Engineer

Team Lead for Security Systems DIRS (cloud: GCP)

Key Responsibilities:

Broadly understood team work, planning and assigning tasks, team mentoring. Collaboration with architects in solutions planning, creating tools for the team, support on key fronts such as coding, analysis, defect resolution

Used Technologies

- Python, Java, Ansible, shell scripting, Jenkins
- Terraform, Google Cloud (GCP), Docker

projects:

- Migration of Identity Management (LDAP "DIRS") application from legacy to the Cloud (Google Cloud aka GCP)

2021-02 – 2023-03

Unicredit Services

Senior Cloud DevOps Engineer (cloud: Azure)

Key Responsibilities:

As an independent programmer and devops engineer, I was responsible for designing, creating and maintaining tools and applications for maintenance and development teams, analyzing threats and solving defects.

Used Technologies

- Python, Golang, Java, Ansible, shell scripting, SQL
- Terraform, docker, AZURE, Kubernetes

projects:

- VDI: AZURE based, Linux VDI experience delivered by Guacamole, created on demand using TERRAFORM and Ansible
- Landscape Infrastructure – golang client, Ms SQL database, Ansible, Docker/Podman, Kubernetes, Jenkins

Languages:

Polish – native

English – professional proficiency (C1/

C2) German – communicative

Full Information

Education:

WSPiA Lublin

Information Technology

2000-2004

Certificates:

ITIL

Accounting for Managers

Main programming languages:

c – 23 years of experience, mainly for UNIX like systems (Linux, BSD, Solaris), but I'm well familiar with Windows (WinAPI) ecosystem.

Java – 20 years of experience. From J2SE, J2ME to J2EE. I had experience in extending java by c code integration, embedding other languages as scripting engines in Java.

Python – 15 years of experience. I made a lot of database oriented applications, webapps, webservices and scripts.

PL/SQL – 16 years of experience as Oracle Administrator and programmer.

rust – 2 years of experience as a developer **perl** – 5 years of experience in perl scripting

2014-01 – 2021-01

Tsunami Technology sp. z o.o.

Lead Cloud Transformation Engineer (cloud: Azure and AWS)

Lead Engineer in Maintenance Department for

projects:

- New product: "Tornado" Document Management (AWS/GCP/PREM)
- New product: Accounting and Business Reporting software (AWS/AZURE)
- ARM Clustering hardware platform
- ARM Clustering software platform

Responsibilities:

- Planning of hardware configuration
- Hardware design
- Software design
- Software deployment, patching, configuration

Used Technologies:

Linux Python Java Shell C MySQL Oracle PostgreSQL
Docker, Kubernetes, JavaScript, Ansible, Terraform, Jenkins

Projects worth mention:

2018 Designed and deliver ARM Based Cluster (200 CPU). From hardware to software.

2016 introduction of HP MOONSHOT technology

2015 New Software products for document management, BPM

2011-10 – 2019-07

Pro5 sp. z o.o.

Head of the Maintenance and Infrastructure Section

As senior Research Engineer/Lead Engineer for autonomous robotic platforms

Responsible for:

- Real Time video streaming
- control protocol
- sensor input and processing

Lead Engineer in Maintenance

- IT Infrastructure
- Datacenter
- Network Infrastructure

Used Technologies:

ARM Linux RTOS Atmel OpenCV java Android Perl MsSQL CISCO

Projects worth mention:

2017 Designer, programmer for "Environment Separation Project" – software for ensuring separation of dev/gold/prod environments. Written in Java and PERL.

Project made for

T-Mobile Polska.

2014-03 – 2014-11

T-Mobile Polska S.A

Senior Test Automation Expert.

Software Architect and Developer

Lead developer in the team working on mobile (java me) application and server (c and MySQL, Linux) - communication application for sales representatives.

Used Technologies:

HP UFT PL/SQL java AIX bash

Side projects worth mention

2010-2012 Autonomous mobile platform

Based on ARM CPU, autonomous mobile platform capable of self-navigation, obstacle avoidance, live video streaming in HD – all this using 200Mhz CPU with 16MB of RAM and custom made Linux kernel.

2013 Universal home/office automation Based on AVR32 CPU, home/office automation device (like early Amazon Alexa)

2014 CNC Router

Microcontroller based milling CNC router **2016**

Marine tracking system

Based on ARM CPU, java, spatial database (PostgreSQL) and python real time tracking system for marine yachts using IRIDIUM and GSM for connectivity with hazard/incident detection using MEMS sensors.

2017 CNC Router 4 AXIS

In this project a 4 axis milling machine was created

2018 Haptic hearing aid for deaf persons

Device for hearing handicapped persons, using triangulation based on 4 sound sensors gives haptic (vibration) signaling to give a person location in 3D of sound source and sound volume.

2020 CNC Laser

3 axis engraving and cutting machine.

2020 Aerial collision avoidance system for UAV

Using next-gen laser semiconductors and conventional ultrasound rangefinders to detect possible inflight collisions and automatically correct flight path.

2008-05-01 - 2014-03-01

Netia S.A

Senior IT Expert

Lead Engineer in Maintenance Department for projects:

- New Provisioning System (IBM Sterling)
- New Patching system for CRM systems ("in house" development in maintenance department)
- Transition to new Provisioning

Responsibilities:

- Planning of hardware configuration
- Software deployment, patching, configuration
- Lead role in monthly "changes" patching
- ASAP bug fixing (java, PL/SQL, scripts)

Used Technologies:

Linux Oracle Python AIX Solaris Java Shell DB2 WEBSHPHERE

Projects worth mention:

2010, for Netia sp. z o.o. as Senior IT Administrator

Lead role in IPTV project for this second in size Polish landline telecom

2011, for Netia sp. z o.o. as Senior IT Administrator

Lead role in incorporation/merge of Netia IT systems and infrastructure with TELE2

2013, for Netia sp. z o.o. as Senior IT Administrator

Lead role in introduction of IBM Sterling product in Netia

2003-06-01 – 2008-05-01

Eaport sp. j.

Software Designer and Developer.

Project worth mention

2003, for Eaport S.C as Lead Engineer

Merchandising mobile platform based on mobile Java technology (J2ME), c language for backend and MySQL.