Contractor / Freelancer

About Me:
I'm a Software Architect / Integration Architect / Lead Software Engineer with +8 years of experience. I use my can do attitude and problem solving skills to design and implement top-of-the-line software solutions for business. I'm open to learn new things, and sharing knowledge with others.

Work experience:
_____
Lead Software Engineer 2022 – Present – contract via @Arche Consulting Sp. z o.o. PL

- creations of MVP/POC's for projects related to Research factory's, (designing back-end architecture, setting up software development processes, onboarding new programmers in the team, code review, negotiations of requirements, task working time estimation)
- managing a team of developers (interview with new candidates, organization of workshops for developers, setting of development paths for juniors / mid developers, technical support for mid / junior developers)

Stack: Python, Flask, FastAPI, Celery, Elastic, PostgreSQL, AWS (S3), K8, GitHub, Argo CD
Frameworks: Agile, Scrum
_____
Senior Software Engineer / Integration Architect 2018 – 2022 contract via CoolPeople s.r.o CZ

  Hybrid Cloud management platform base on RedHat CloudForms (OneCloud) - I worked on this project until IBM acquired RedHat and stopped supporting the CloudForms platform. (+30k servers, provisioning success rate ~98%)
- Automation processes for enterprise cloud services management platform included
    ○ Design and implementation, integration processes for provisioning Virtual Machines,
    ○ Design and implementation, processes for configuration Virtual Machines,
    ○ Design and implementation, processes for recovery Virtual Machines,
    ○ Design and implementation, processes for inventory discovery over Private clouds,
    ○ Integration platform with Service Now,

Stack: RoR, Bash, PowerShell, ServiceNow, CMDB, Python, Vmware, OpenStack, VCD, Hyper-V, Azure, CFME, IPAM, REST, SOAP
Frameworks: Kanban

  Billing Platform – I joined this project at the beginning as Integration Architect in the end I became Solution Architect for Back-end site. The main purpose of the project was deliver solution for collecting performance, and capacity data over the private clouds. The solution was based on micro-service architecture
- Analysis of business requirements,
- Requirements negotiation with Platform and Business sites,
- Design solution for collecting big data over private cloud,
- Implementation of core functionality and integration with external systems,
- Code review, and testing new futures,
- Coordination release process,
Stack: Python, Flask, Keycloak, ServiceNow, PostgreSQL, InfluxDB, VMvare, Docker
Frameworks: Scrum

Private Cloud monitoring and alerting system – main duties was design the integration part of the system to collect and unification of data from different sources (different monitoring system like Sensu, DataDog,
Prometheus) as well ass integration it with PagerDuty,
- Design integration part of collecting monitoring data from Virtual Machines,
- Definition of alert management processes,
- Implementation integration part of the system,
- Code review,

Stack: Python, Elastic, Celery, PagerDuty, Sensu, DataDog, Salt
Frameworks: Scrum

Private cloud automation engine - for performance generic cross platform automation tasks using mostly for orchestration environments, building new sites, by development and operations teams. After a while this project became Orchestration tool, that is used for performing Ansible Playbooks.
- Design and implementation backed part base on micro service architecture,
- Design and implementation Engine base on Python, Celery, RabbitMq, Flower, Redis.
- Code review, maintenance,
- At the end I was like SRE for this project,

Stack: Python, Elastic, Celery, CMDB, PostgreSQL, Docker, AWX, DataDog
Frameworks: Scrum

Storage management platform – This project was closely related with management of storage in cloud, I joined this project to help team develop VMDK operations and integrate system with Service Now
- Implementation integration part of the product,
- Implementation processes for provisioning, decommissioning, backup resources,
- Support the platform and testers teams,
- Code review,

Stack: Django, GraphQL, MongoDB, MySql, vCenter, Influx, Servicenow, RabbitMq, Elastic, Celery
Frameworks: Scrum

vCloud Director connector - Design Implementation connector for managing full life-cycle of Virtual Machine. Stack: RoR

Ipam connector - Design Implementation connector for managing IP address allocation, Creating Networks, and integration them private cloud providers. Stack: RoR

I have also worked on few other projects / MVP / POC's related with e.g AWS, hyper-v, security, snow, during this allocation.

Solution Architect / Consultant – 2019 – 2022 Contract 24 Vision System CZ

Design and implementation solutions base on micro service architecture for Complex quality control driven by AI for the automotive industry that detect errors and configuration errors.
- Implementation solutions for processing real-time image analysis,
- Implementation solution for collecting and processing thousands of GB of data per day,
- Implementation solutions for monitoring,
- Implementation solutions for integration system with external components,
- Cooperating with University scientist to optimize algorithms for defect detecting,

Stack: Python, Flask, FastApi, C, C++, PostgreSQL, Docker, K8
Frameworks: Waterfall

2017-2018 – Software Engineer - Rockwell Automation PL

PanelView Plus Graphic Terminal – I joined as a part of scrum team for one of the project from Katowice RA campus.
- Implementation new modules for PanelView Plus Graphic Terminals according to buisness requirements,
- Main reviewer for PanelView Plus Graphic Designer,
- Implementation some Java services, for processing signals from terminal,
- Bug fixing,

Stack: C++, Qt, C#, Java, Python, GDB, Git, RQM, Code Colaborator, QT Creator, Visual Studio
Frameworks: Scrum

2015-2017 – Software Engineer - Computers & Control Sp. z o.o., Silesia – Poland

SAZ 2000 – Implementation software for collecting data from high-voltage line substations
- SAZ 2000 graphic designer for control electrical substations,
- multi-threading and multiprocessing service for control and collecting data from electrical,
- substations based of IEC 61850 standard,
- troubleshooting, code review, testing, supporting other teams,

Stack: C++, Qt, Git, Visual Studio
Frameworks: Waterfall

2014-2016 – Junior Software Engineer - Gabos Software Sp. z o.o., PL

Medicus – my main duties was development of a web service used for registration hospital patients using Clarion.
Stack: NetTalk, Clarion, SQL, JavaScript, DB2
Frameworks: Waterfall

Education:
2011 – 2014 UMCS - Bachelor of Computer Science - Bachelor's thesis on the Security of banking transaction subject.

Skills:
Ability to learn anything fast, communication skills, teamwork, can do attitude, SOLID, SDLC

Languages:
Polish, English, Czech, Slovakian, German