



Jean H. Bertrand

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● ABOUT ME

Experienced Software Engineer with focus on Robotic Process Automation (RPA) and DevOps

● WORK EXPERIENCE

06/2022 – CURRENT Prague, Czechia

ROBOTIC PROCESS AUTOMATION(RPA) AND INFRASTRUCTURE AS CODE(IAC) RWE (RWE SUPPLY & TRADING CZ, A.S)

Robotic Process Automation(RPA) with UiPath

I am responsible for conducting proof of concepts for new automation opportunities, design, develop and test(both integration and user acceptance testing) the solution before deploying into production.

Beside working on new projects, I also work on process improvement where I redesign already existing solutions in a such a way that they become more resilient, efficient and robust.

Below are key achievements:

- Worked closely with SME's to gather business requirements into PDD(Process Definition Document) and developed separate SDD(Solution Design Document)
- Implemented End to End Robotic Process Automation following SDLC methodologies
- Trained junior colleagues how to effectively use automation tool capabilities such as the use of UiPath REFramework, orchestrator queues and assets
- Introduced Git for code management and best practices
- Implemented Azure DevOps tools (CI/CD) pipelines to manage and deploy the code(bot) to different environments(DEV,UAT,PROD)
- Created reusable components that are used across different teams (Located in Prague, Essen and London) to make bot development process faster
- Setup ELK (Elastic Search, Logstash and Kibana dashboards) for monitoring bot performance and also KPIs

Infrastructure Automation(IaC)

As a member of a dynamic agile team, I am involved in infrastructure management tasks where i design CI/CD pipelines to handle code deployment releases and monitoring of software in different environments(Testing, Staging and Production).

- Implemented automated continuous integration and continuous deployment pipelines for both applications (front-end and back-end) and RPA robots
- Established code vulnerability check by implementing a renovate scan bot which is checking software security weaknesses across all services(repositories).
- Created a CI for a .NET product library which is consumed by many other services within the company

- Created Terraform modules for creating resources such as s3 buckets, IAM roles within AWS multi account in both non-production and production environments
- From scratch, i setup ELK for robotic Process Automation team to be able to monitor application(bots) performance

01/2019 – 07/2022 Prague, Czechia

INTELLIGENT AUTOMATION ENGINEER(IA RPA) MSD CZECH REPUBLIC S.R.O

As an intelligent Automation specialist at MSD(Also referred to as Merck in US and Canada)), my job was to analyze, design , code and deploy software robots to automate repetitive, time consuming tasks for our customers. The job involved collaborating with different stakeholders within the company to ensure the delivery of the right solution to the customers. We were working in an agile squad with team consisting scrum master, project manager, process owners , business analysts , solution architects and Robotic Process Automation developers. The platform that we use is mainly UiPath, a tool based on C# programming language.

The business processes that we were automating touched on a different range of applications such as Excel, SAP , APPIAN, Blackline and many more

Apart from programming robots, I also performed code review for other developers and perform solution demos to business stakeholders. I worked with an international team with team members located in EMEA, APAC and Americas. In my job, I used CI/CD pipelines for code deployment, Git, Jira, Confluence and much more, Delivered documentations following SDLC concepts (software development lifecycle)

08/2018 – 01/2019 Prague, Czechia

SOFTWARE DEVELOPER (SVC INFO DEVELOPER I) DXC TECHNOLOGY

Participating as a member of development team, providing application support to DXC's Clients team located in Northern Europe and South Eastern Asia. Adding new features to Cass Link application.

● **EDUCATION AND TRAINING**

2018 – 2020 Prague, Czechia

MASTER'S DEGREE IN APPLIED INFORMATICS, INFORMATION SYSTEMS MANAGEMENT. MINOR IN ECONOMIC DATA ANALYSIS Prague University of Economics and Business

Address nám. Winstona Churchilla 1938/4, 120 00 Praha 3-Žižkov,, 120 00, Prague, Czechia |

Website <https://www.vse.cz/>

2015 – 2018 Prague, Czechia

BACHELOR'S DEGREE IN SYSTEMS ENGINEERING AND INFORMATICS Czech University of life Science(CULS,PEF),Prague

Address Kamýcká 129, 165 00 Praha-Suchdol, Czechia, 165 00, Prague, Czechia | **Website** <https://www.czu.cz>

2016 – 2017 Plymouth, United Kingdom

ERASMUS+ BUSINESS AND INFORMATION TECHNOLOGY, .EXCHANGE PROGRAM(ERASMUS +) Plymouth University in United Kingdom

Address Drake Circus, Plymouth PL4 8AA, PL4 8AA, Plymouth, United Kingdom |

Website <https://www.plymouth.ac.uk/>

● **LANGUAGE SKILLS**

Language : **ENGLISH**

Other language(s): **FRENCH | CZECH**

● **DIGITAL SKILLS**

Robotic Process Automation (RPA)

UiPath | ERP(SAP,Appian) | API | Blue Prism

DevOps

Confluence | Jira Atlassian | Azure DevOps | Bitbucket | Github/Github Actions | CI/CD Pipelines | Git | IAC with Terraform | Docker Kubernetes

Reporting

ELK | ITIL Framework | Kibana Dashboards

Programming/Scripting Languages

C# | Linux Bash

Web Development

JavaScript | CSS | WordPress | HTML

Databases

NoSQL (Mongo DB) | MySQL (SQL)

● **ADDITIONAL INFORMATION**

DRIVING LICENCE

Driving Licence: B

HOBBIES AND INTERESTS

Learning languages and playing football In my free time I play football. I also enjoy learning new languages, currently learning German.

PLACEMENTS AND INTERNSHIPS

01/2019 – 07/2019

MSD IT Czech Republic: Software developer

As software developer part timer, I worked on different range of projects across the company. My duties included maintaining and improving internal and external web applications of MSD IT(Merck) company

07/2017 – 08/2018

BlueLink International- CRM Advisor, Operational Support Specialist

I was working as customer relationship management and operational support specialist for Transavia airline since July 2017

Among other things, my tasks included providing technical support to various internal services in the airline through various technical systems, phones and emails. Login managements. Resolve customer's problems / or queries by providing appropriate guidance and advice etc.escription...

CERTIFICATIONS

Professional certifications

- **UiPath: Robotic Process Automation Developer, UiPath**

2019 - 2019

UiPath: Certified robotic process automation developer

- **DevOps Foundation, DevOps Institute**

2021 - 2021

Certified robotic process automation developer

- **ITIL 4 Foundation, AXELOS Global Best Practice**

2021 - 2021

The IT Infrastructure Library (ITIL) is a framework that standardizes selecting, planning, delivering, and maintaining the information technology (IT) services in a business

- **AWS Cloud Technical Essentials, AMAZON AWS**

August 2022 - August 2022

Basics of AWS Computing, storage, networking, monitoring, optimization , etc.

- **Blue Prism Foundation Training, Coursera**

2022 - 2022

Basics of Blue Prism processes, architecture, deployment, etc.

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