

SUMMARY

An engineer, a specialist in computer design methods and aircraft engines, astronautics with experience in a leading aviation company. Interested in programming for many years, mainly focused on Java. Achievements and experiences which will be useful in IT business:

- experience in work in technological projects with international team, under time pressure, fast-learner
- knowledge of Java 8 and 11, supported by practice within few applications
- studied relational databases, pure Java approach but also with appropriate framework
- ability to use multiple Spring modules and know-how about other currently popular technologies

IT SKILLS

Java 8, 11 Core

JPA

Hibernate

SQLite

MySQL

Spring 5 Core

Spring AOP

Spring MVC

Spring Security

Spring REST

Spring BOOT 2

JavaFX

Git

GitHub

JUnit 4

Thymeleaf

HTML5

CSS3

Linux RHEL (CentOS)

MATLAB

MS Office

Python (basics)

WORK EXPERIENCE

Design Engineer

The Lukaszewicz Research Network, Contractor of General Electric Business Aviation Systems

2018 – 2020

Achievements

- Managed an independent project task with a budget of around \$20,000 focused on verification of engineers' work
- Developed complete service tool to replace a wind turbine blade actuator in a two-person team in 3 months
- Participated actively in technical meetings which solved many construction issues

Junior Engineer

Warsaw Institute of Aviation, Contractor of General Electric Business Aviation Systems

2017 – 2018

Achievements

- Created technical documentation for the aircraft engine nacelle which was used for successful certification tests
- Developed the assembly drawing standard, which was used as a template in multi-million dollar project
- Modelled assemblies containing about 2000 components with technical documentation for it

Intern

Warsaw Institute of Aviation, Contractor of General Electric Business Aviation Systems

2017

Apprentice

Airbus EADS Warsaw Okęcie S.A.

EDUCATION

Master and Bachelor degree

Warsaw University of Technology, Faculty of Power and Aeronautical Engineering

Specialities

- Computer Design Methods
- Aircraft Engines

IT PROJECTS WITHIN PROGRAMMING COURSES

KontAAkty©

- Main objective of this project was to programm a desktop application to manage contacts using Java and JavaFX, the GUI was created from scratch
- Controller for all features such as Add, Delete was programmed in Java, Data Binding was used
- Dialog window was added to create a new contact

Customer Relationship Manager

- Main objective of this project was to programm a web application for client management, including features such as Add, Search, Update, Delete
- Spring MVC was used for above, Hibernate was used to integrate the Database
- The controller sends the user to the appropriate views programmed in JSP, stylized with CSS
- The application uses a structure in which the appropriate DAO and Service classes stand between the interface and the Database

Employee CRUD

- Main objective of this project was to programm a web application for employees data management, including all CRUD features, stylized with Bootstrap
- It was created based on the Spring REST architecture using the Spring Boot Initializer for quick project setup
- Spring REST automatically supports data conversion from the Database to the JSON format, with the help of Jackson
- Spring Security was added to the application to simulate logging into the system, the data is encrypted with the bCrypt function
- Statistics logging was added based on the AOP paradigm for selected methods, both before and after execution

Responsive Website

- Main objective of this project was to programm a responsive website for fictional company for which HTML5 and CSS3 technologies were used
- The jQuery script - "waypoints" was used to manage the responsiveness of the page and its layout, the page contains elements such as "sticky navigation" and animation effects

CERTIFICATES

Java Programming Masterclass for Software Developers (2020)

Spring & Hibernate for Beginners (includes Spring Boot) (2020)

Build Responsive Real World Websites with HTML5 and CSS3 (2020)

Learn Linux in 5 Days and Level Up Your Career (2020)

GitHub Ultimate: Master Git and GitHub - Beginner to Expert (2020)

Communication in international teams (UK-PL) (2020)
Certificate of EMIC Lab

Introduction to Programming with Matlab (2017)
Certificate of Vanderbilt University

Certificate in Advanced English (2013)
Certificate of University of Cambridge issued by British Council

LANGUAGES

English
Full professional proficiency

German
Elementary proficiency

Polish
Native

INTERESTS

 Watchmaking

 Tennis

 Modern Technologies

 Cuisine

AGREEMENT

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). I also consent to processing of my personal data for the purposes of any future recruitment processes.