

Personal Info:



Ing. Marián Ferenc

Galaktická 9A, 040 12 Košice, Slovak Republic

+421 908 307 957

<https://www.linkedin.com/in/ing-marian-ferenc-slovakia/>

marianferenc59@gmail.com | <https://www.marianferenc.com> | <https://github.com/majoferenc>

Experience:

IBM Slovakia, spol. s r.o., Mlynské Nivy 49, 821 09 Bratislava – mestská časť Ružinov

05/2023 – present: Application Architect

- **On-premise GenAI & AgenticAI platform for Customer in government sector (1 year)**
 - **Role: Solutions Architect, DevSecOps Engineer & Developer (IBM WatsonX, LangChain, Docling)**
 - **Description:** On-premise GenAI infrastructure (non-prod & prod) platform architecture and implementation in air-gapped environment.
 - Collaboration on creation of GenAI methodology (use cases evaluation, governance, MLOps) for the customer.
 - 2 Use cases architected and Implemented (GenAI pipeline & RAG solution) using open source technologies like Langchain and Ollama and also using IBM WatsonX platform.
- **Cloud Focused Project for German Customer in telecommunication sector (3 years)**
 - **Role:** Cloud consultant, DevSecOps Engineer & Developer – IBM Cloud, CI/CD with Gitlab CI, GitOps with Flux CD, Helm Charts, Kubernetes, Istio, Terraform, Scrum
 - **Description:** Design cloud env & implement microservices (70+) focused project with emphasis on cloud. Make advice to the product owner regarding product development. Build & maintain fully automated releasing process & E2E test environment.
- **Cloud consulting & DevSecOps work for Swiss based company (1 year)**
 - **Role:** Cloud consultant & DevSecOps Engineer - Microsoft Azure, Azure DevOps, ArgoCD
 - **Description:** Cloud consulting for an existing project facing public internet based on Microsoft Azure Kubernetes platform. Promoting microservices across INT/TEST/PROD environments.

04/2022 – present: Senior Application Developer

- **Cloud Focused USA based project (8 months)**
 - **Role:** DevSecOps engineer (IBM Cloud, Jenkins, Kubernetes, GitOps)
 - **Description:** DevSecOps platform maintenance, production releases deployment and cloud advice
- **Cloud Focused Project for German Customer in telecommunication sector (2 years)**
 - **Role:** Backend Developer (Spring Boot), Frontend Developer (Angular) & DevSecOps Engineer
 - **Description:** Design & implement microservices (70+) & frontend focused project with emphasis on cloud. Make advice to the product owner regarding product development. Build & maintain fully automated releasing process & E2E test environment
- **Cloud Focused Project for German Customer in the oil & gas industry (3 months)**
 - **Role:** Frontend Developer - Nuxt.js
 - **Description:** Implementing new features into existing project, which is in production. Analyzing feature requests, making recommendations for future project development.

10/2017 – 03/2022: Application Developer

- **Project for German Customer in jurisdiction sector (2 years)**
 - **Role:** Full Stack Developer - Vue.js, Spring Boot, Docker, Helm Charts, Kubernetes, IBM Cloud
 - **Description:** Design and implement frontend side with Vue.js 2 and backend with Spring Boot 2 from scratch. Make application cloud ready & deploy it to the Kubernetes cluster, implement change requests proposals

- **Integration Platform Project for German Customer in jurisdiction sector (5 years)**
 - **Role:** Java/JEE Developer - Jython, WLST, Eclipse RCP, Gradle, Docker and Kubernetes, IBM Cloud
 - **Description:** Implement change requests, project builds, container env developing and maintenance. Fix defects and provide maintenance.
- **Integration Platform Project for German Customer in jurisdiction sector (2 years)**
 - **Role:** DevSecOps Engineer – Containerization, Cloud Migration, Kubernetes, RedHat OpenShift, Gradle, Helm Charts, IBM Cloud, Oracle Weblogic Administration, Oracle SOA Suite, Oracle DB 19c
 - **Description:** Design & implement cloud migration of legacy J2EE application to RedHat OpenShift platform, maintain CI/CD pipeline, trigger release process to customer
- **Product for German Customer in telecommunication sector (3 months)**
 - **Role:** Frontend Developer – React.js, Redux, Material UI, NPM, Containerization, Kubernetes
 - **Description:** Implementation of PoC project in React.js with strong emphasis on container deployment model
- **Project for German Customer oriented in financial sector (9 months)**
 - **Role:** DevOps Engineer – Jenkins, GitHub, IBM Cloud, Ansible, Terraform
 - **Description:** Creation, maintenance & operation of CI/CD processes for microservice based architecture, execution of releases to the customer

07/2017 – 10/2017: Internship – Application Developer Java.Core

- **Integration Platform Project for German Customer in jurisdiction sector (3 months)**
 - **Role:** Java/JEE Developer - Jython, WLST, Eclipse RCP, Gradle, Docker
 - **Description:** Implement change requests, fix defects and provide maintenance

Education:

- **09/2015 – 06/2020: Technical University of Kosice, Faculty of Electrical Engineering and Informatics, Engineer's Degree, Informatics**

Language Skills:

- Mother's tongue: Slovak
- English: B2, used daily during my professional career
- German: B1, State Exam - B2

Hard Skills:

- Frontend development (Vue.js, React.js, Angular)
- Backend development (Java EE, Spring Boot, Quarkus, Node.js, REST, GraphQL)
- Databases experience (Oracle DB, PostgreSQL, MySQL, MongoDB)
- DevSecOps engineering (Gradle, Containerization, Kubernetes, RedHat OpenShift, Helm Charts, IBM Cloud, AWS, Azure)
- Infrastructure automation (Terraform, GitLab CI, GitHub Actions, Flux CD, ArgoCD, Bash scripting)
- Cloud & GenAI Architecture development (HA, DR, scalability, secure by design, cost optimized)
- GenAI applications (RAG, Agentic AI, MCP & A2A) development (LangChain, Crew AI, Amazon Bedrock, AWS AgentCore, IBM WatsonX)

Soft Skills:

- Team leading of small internal team, teaching experience of small group of people, Scrum methodology, Agile approach, customer advice

Certifications:

- AWS Certified Solutions Architect - Professional
- AWS Certified Machine Learning Engineer - Associate
- HashiCorp Certified: Terraform Associate (002)
- Red Hat® Certified Specialist in OpenShift Administration
- Red Hat® Certified Specialist in OpenShift Application Development
- CKAD: Certified Kubernetes Application Developer
- Oracle Certified Professional, Java SE 8 Programmer
- and more at: <https://www.credly.com/users/marian-ferenc>