Curriculum vitae

PERSONAL INFORMATION	**Nikola Mališa**

📍 Antuna Mihanovića 4, 35000 Slavonski Brod (Croatia)

📱 +385 95 901 7335

✉ nmalisa@gmail.com

🌐 nikola.malisa.eu

Date of birth 25 Mar 1980

WORK EXPERIENCE

Jun 2007–Sep 2009   **Software Developer**

Infolink d.o.o., Slavonski Brod (Croatia)
www.infolink.hr

- Programmer on project for insurance company using Oracle Forms platform and Oracle database.
- System administrator for Oracle Forms and Reports application server.
- Installing and configuration of Oracle database on Windows and Linux systems.

Apr 2010–Nov 2017   **Software Developer**

Inin d.o.o., Slavonski Brod (Croatia)
www.inin.hr

- Software developer for ERP systems using Delphi(5/7/XE3) and Oracle database
- Developed ERP modules using C# and .Net WinForms technologies
- Back-end developer for Single Page Applications using .Net 4.5 and WebAPI framework
- Developed .Net libraries for logging, ORM, client-server communication, inter-process communication
- Oracle database developer: designing and creating db objects and jobs, writing database procedures
- Design, install and configure a cluster of ten Linux servers with Apache Hadoop and Apache Spark software
- Developed web interface for cluster management in Python

Nov 2017–Present   **Senior Software Developer**

BIT Technology Solutions, Munich (Germany)
www.bit-ts.com

- Development of software tools for in-house use (C++)
- Developing architecture for cloud application for automotive industry (diagrams, proposals)
- Technical discussions with customers and partners about software architecture
- Automating rendering processes (Bash and Python)
- Development of web front-end for managing rendering cluster (Python)
- Writing Python scripts for Blender, 3D modeling application tool
- Developed storage for 3D models in form of web application using C++ and Qt for back-end, pure Javascript for front-end, PostgreSQL database, Python and C++ client libraries. Deployed whole system in docker containers.
- Created, configured and maintained docker images for various purposes

EDUCATION AND TRAINING

6 Sep 1999–6 Mar 2007 | **Graduate Engineer of Electrical Engineering, specialization on Telecommunications and Informatics**

University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb (Croatia)

Diploma work: Java simulation of complex multi-agent systems

PERSONAL SKILLS

Mother tongue(s) | Croatian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C2	B2	B2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills
- Versioning control - git
- REST web services development using .Net (4.5 and Core) and WebAPI framework
- REST web application using C++ and Qt framework
- Web application front-end in pure Javascript with Bootstrap library for CSS
- Authentication and Authorization for .Net web applications
- .Net WinForms developer using DevExpress WinForms controls
- Desktop applications using C++ and Qt framework
- Databases: Oracle and PostgreSQL -querying, manipulating, shaping data
- Database programming – Oracle PL/SQL, PostgreSQL pgPL/SQL
- Design, install and configure a cluster of ten Ubuntu servers with Apache Hadoop and Apache Spark software
- Developed web user interface for cluster management using pure Python for back-end and pure javascript for front-end
- Docker images and containers – creation, configuration and maintenance of containers for databases, web applications and testing environments
- Automated rendering and post-processing pipeline using Bash and Python scripts, created web user interface for cluster management in pure Python
- hobby project: game development using Unity game engine

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Linux – usage, configuration and administration (Linux user for 15 years)

Windows - basic administration

Driving licence | B