



Sašo Skube

Date of birth: 14/06/1986 | **Nationality:** Slovenian | **Gender:** Male |
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WORK EXPERIENCE

2006 – 2009

WORKING AS A STUDENT – FACULTY OF COMPUTER AND INFORMATION SCIENCE, UNIVERSITY OF LJUBLJANA

- EthnoMuse project
Development of the central database for ethnological collections, with additional features like recognition of dances and notes in songs.
 - Second Click On Slovene project
Development of the multimedia application for learning Slovene language.
 - Teaching a programming course for first year students
 - Organisation and leading of the summer school for high school students
- Ljubljana, Slovenia

2008 – 2009

WORKING AS A STUDENT – FACULTY OF HEALTH SCIENCES, UNIVERSITY OF LJUBLJANA

- Teaching a computer science course
 - Preparation and leading of additional workshops and exam preparations for faculty students
- Ljubljana, Slovenia

2009 – 2013

LEAD DEVELOPER AND SYSTEMS ENGINEER – SLOVENIA CONTROL, SLOVENIAN AIR NAVIGATION SERVICES, LIMITED

- Preparation and leading of internal education and workshops
 - Information system design
- One of the my main responsibilities was to set up a new information system to be used in the entire company, including server setup, networking, application migration and high level workflows.
- Control over some vital systems involved in air traffic control
 - Design and development of applications
- Among others, I designed and developed a special purpose NOTAM system. This application is responsible for reliable parsing, storage, editing and realtime distribution of air traffic control messages.
- Brnik - aerodrom, Slovenia

2014 – 2014

LEAD DEVELOPER – FINANČNI TRGI D.O.O.

I developed a robust application for high-frequency stock trading, including support modules for stock prices movement display, automatic trading and high-speed message passing.

Ljubljana, Slovenia

2014 – 2015

SOFTWARE DEVELOPER – COSYLAB, D. D., CONTROL SYSTEM LABORATORY

- development of special purpose control system driver for a data acquisition device
- development of a readout-system, designed and built for the data acquisition of the LHC Diamond Beam Loss Monitors that provides on-line, dead-time-free acquisition and analysis of detector signals

Ljubljana, Slovenia

2015 – 2017

CONTROL SYSTEMS EXPERT – COSYLAB SWITZERLAND GMBH

- driver and high level application development of timing system for accelerator control
- in-depth knowledge of the MRF timing system (also written user manual and tutorial)
- EPICS control system integration and device support
- co-development of beam synchronous data readout system
- real-time operation bug hunting in complex multi-threaded systems
- open source software development
- evaluating expert systems for performance (jitter, data throughput, reliability, ...)
- consulting with FPGA development
- finding bugs in expert hardware devices and proposing solutions
- involved with development of control and diagnostic software for low jitter (pico or sub-pico second range) RF signals distribution systems
- involved with development of control and diagnostic software for laser synchronization systems
- lectures about kernel module development, low level interrupt handling, memory maps and communication with hardware, compilers and writing cross platform code

Würenlingen, Switzerland

2017 – 2018

SENIOR SOFTWARE DEVELOPER AND ARCHITECT, CONTROL SYSTEMS EXPERT – COSYLAB D.D.

- coaching and managing team members
- go-to guy for questions about expert timing and synchronization systems
- supervising and doing project development under strict medical standards
- writing architecture for medical grade software
- planning, reviewing advising and developing components for communication with industrial robots, optical tracking systems, PLCs, accelerator control, ...
- development of core framework, enabling easy set-up and reliable communication between software units, under medical standards

Ljubljana, Slovenia

2018 – 31/05/2019

LEAD DEVELOPER / ARCHITECT – COSYLAB D.D.

- lead developer on project based on the following standards:
 - EN ISO 13485:2016: Medical devices - Quality management systems
 - EN ISO 14971:2012: Risk Management
 - EN IEC 62304:2006+A1:2015: Medical device software - Software life cycle processes
 - EN IEC 62366-1:2015 + CORR1: Medical devices – Part 1: Application of usability engineering to medical devices
- responsible for a team of 10+ developers
- automated testing development based on strict medical standards

Ljubljana, Slovenia

01/06/2019 – 01/12/2020 – San Francisco, United States

ENGINEERING MANAGER – RECIPROCITY

- working on the core of the product, delivering features and fixing bugs in a high paced environment with hundreds of customers using the product daily
- leading projects (up to 50% of the entire product size)
- taking over technical initiatives and promoting good engineering culture
- leading 2 teams, pushing NPS score from -20 to 80 while making the job fun for developers
- help solving infrastructure problems and helping the devops team getting to CI/CD
- pushing towards better company culture, with clear goals and better people management

01/12/2020 – 28/02/2021

FOUNDED GROWTHSTEAM D.O.O. – ME AND MY FRIEND

Creating an entire product from scratch and getting first paying customers!

01/03/2021 – CURRENT – San Francisco, United States

INFRASTRUCTURE ENGINEER – ZENPUT

- django development
- carving the path towards CI/CD
- introducing secrets management, data pipelines and infrastructure as code
- empowering developer flows (coaching, improving architecture, ChatBot, observability, local dev environment)
- improving security of the product, external services being used and networking

● EDUCATION AND TRAINING

2001 – 2005 – Črnomelj, Slovenia

HIGH SCHOOL GRADUATE (GCSE) – High school / Secondary school

EQF level 4

2005 – 2010 – Ljubljana, Slovenia

BACHELOR'S DEGREE IN COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY – Faculty of Computer and Information Science, University of Ljubljana

General computer science with focus on hardware development and system architecture

EQF level 7

● LANGUAGE SKILLS

Mother tongue(s): **SLOVENIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C1
CROATIAN	C2	C2	C1	C1	C1
SERBIAN	C2	C2	C1	C1	C1
GERMAN	B1	B1	A2	A2	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ORGANISATIONAL SKILLS

Organisational skills

- good teaching abilities and can control groups, worked as a dance instructor
- project leader in a few informal societies (student club, folklore group, local community event organization)

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Team player
- I can adapt to different situations quickly
- Experience in multicultural environments
- I learn fast

● JOB-RELATED SKILLS

Job-related skills

- mentoring skill (coaching co-workers and external partners on topics such as programming, compilers, software architecture, expert systems operation, ...)
- working with customer (scheduling tasks, advising and taking requirements for projects, ...)
- taking care of career paths for team members