



Marcel Jerzyk

Software Engineer, Designer and DJ / Music Producer

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 - Website** luzkan.com
 - LinkedIn** linkedin.com/in/Luzkan
- Native Bilingual Proficiency (C2) Limited Working (B1)

EDUCATION

Bachelor's Degree 2017 - 2021

Algorithmic Computer Science
Wroclaw University of Science and technology
Thesis Grade (5.5 / 5.5); Diploma Grade (5.0 / 5.5)

- I had lots of fun time here :)
- Representative of the Year
- Scholarship of Assc. of Graduates for Above Average Performance

Master's Degree 2021 - 2022

Applied Computer Science
Wroclaw University of Science and technology
Thesis Grade (5.5 / 5.5); Diploma Grade (5.5 / 5.5)

- Awarded "Top College Graduate"
- 2x Chancellor's Scholarship
- 2x Scholarship of Assc. of Graduates for Above Average Performance

WORK EXPERIENCE

Software Engineer May 2022 - Feb 2024 Glopal

I was responsible for a crucial part of a complex distributed system with microservice architecture, and I've also managed cloud function pipelines that processed millions of inputs daily. Besides that:

- Developed microservices and serverless functions FastAPI, AWS, GCP
- Unified and improved the CI/CD pipelines workflows GitLab
- Developed client and internal dashboards, back/front TS, Python
- Maintained, and improved the quality of code in existing apps Python

Python Software Developer Aug 2020 - May 2022 NOKIA

- Integrated cross-site pipelines and CI jobs Gitab, Jenkins, Gerrit
- Developed live dashboard webpage Django, RabbitMQ, Celery
- Machine cross-communication app PyQT, RPC
- Excel-like json/xml/csv cross-parser PyQT
- Pipeline tool for automatic repository versioning Git, CI
- JIRA data scraper for aggregating test results in Elastic CLI
- Involved in architecture design & quality improvements
- Wrote Python guides, and I served as a guidance
- Managed the working time (task commissioning) of an employee

Full Stack Developer Dec 2018 - May 2022 Flexible

Employment agency & e-commerce websites
Just helped out my family business grow online HTML, JS, PHP

TECHNOLOGIES

Python /since 2019 5 years experience backends / CLIs / scripts / GUIs

Info:
- The current language of choice

Libs I love:
- Injector, FastAPI, Pydantic, Ruff
- Requests, Rich, MyPy

Libs I used:
- Numpy, Pandas, Matplotlib, TensorFlow
- Django
- PyQT (why go GUI anymore if webdev is possible?)

TypeScript / JS /since 2017 3 years experience w/e is needed in webdev

Things done:
- Dashboards
- Image-message cryptography tool
- 3D graphics projects or games (1, 2)
- Front framework preference: React
- Limited experience: Vue, Angular, Svelte
- I wish I had a chance do more Node stuff

Win <small>21y / since 2002</small>	Julia <small>0,5y / since 2020</small>	CGPT <small>1y / since 2022</small>
Linux <small>1,5y / since 2019</small>	HTML <small>4y / since 2017</small>	GCP <small>0,5y / since 2023</small>
C <small>0,5y / since 2018</small>	Scala <small>0,5y / since 2021</small>	AWS <small>1y / since 2022</small>
Bash <small>2,5y / since 2019</small>	Kotlin <small>1y / since 2019</small>	Docker <small>2,5y / since 2020</small>
Shell <small>2,5y / since 2020</small>	Java <small>1y / since 2018</small>	Jenkins <small>2y / since 2020</small>
Git <small>7y / since 2017</small>	Golang <small>0,5y / since 2019</small>	GitLab <small>3,5y / since 2020</small>
Godot <small>1y / since 2020</small>	Ada <small>0,5y / since 2019</small>	GitHub <small>2,5y / since 2017</small>

PROJECTS & MUSIC & ME



I'm not the best out there. However, I have dead lifted 125 kg, organized underground techno parties where I've played in front of hundreds, and reached top 200 rank in a *quite popular game*, so I guess I can do things!

Hey! I'm a dude that loves the code aesthetics. I designed & made a *decent* game one time. I enjoy learning pragmatic day-to-day science based things, including psychology, or neurobiology..., and I've contributed back to science - the fruit of that is the article on the right; hopefully it improved the work experience of some devs out there. I don't know everything though! I'm enjoying the process and staying curious.

PUBLICATIONS



Code Smells: A Comprehensive Online Catalog and Taxonomy
Springer Science+Business Media

The paper summarizes and extends the available information about a concept crucial to code quality and technical debt. There's a lot of practical knowledge, which is also freely available via catalog website.