



MARIUSZ MRUK

Manager and Software Architect

PROFILE

Experienced software architect with over 5 years of experience managing a software house focused on web technologies. I have extensive technical knowledge gained from roles such as full-stack developer (including cross-platform mobile solutions), DevOps, system administrator, tester, designer, product owner, and analyst. I have designed and implemented systems on various scales—from small fintech solutions for collecting donations, through migrations from monoliths to microservices for telemedicine platforms, to public transportation systems for metropolitan areas. Additionally, I have extensive management experience, having participated in the launch of medtech startups and served on the board of a company specializing in BHP systems and enterprise digitalization.

PROFESSIONAL EXPERIENCE

Radioactive Rat SP. Z O.O.

2019 – present

Co-Founder / CEO

Managing the company's operational activities, organization, negotiations, and maintaining client relations. Overseeing the company's financial activities, including investments in external entities. Managing employees and optimizing internal processes.

Software Architect

Asseco Data Systems S.A.

2021 – 2024

Designing a large-scale toll collection system for urban and suburban transport in the Pomeranian and Silesian voivodeships. Supporting the organization of the service and data access management system. Defining data supply mechanisms, ensuring quality, and conducting tests.

Mediguard S.A.

2021 – 2024

Designing a microservice-based system architecture, including migration from a monolithic system. Designing communication between peripheral devices and mobile apps with interfaces like Bluetooth, wired, or GSM to the central system. Developing secure and universal communication protocols for medical data. Integrating with state hospital systems (HIS). Designing process-driven medical programs based on live data transmission to doctors during remote rehabilitation training. Developing and implementing a diabetes journal, including integration with glucometers, insulin pens, and CGM systems.

RETALK GROUP SP. Z O.O.

2023 – 2024

Designing and developing a community system with one-time and subscription payments, geolocation features, and continuous mobile app connectivity with the central system.

Billon Group LTD

2022 – 2023

Designing and overseeing the implementation of interfaces for a crowdfunding system and electronic document circulation based on blockchain technology.

CONTACT

+48 608 058 228

mariusz.mruk1@gmail.com

ul. Jana Kazimierza 17/41,
01-248, Warsaw

linkedin.com/in/rattie777

EDUCATION

2020 – present

**Polish-Japanese Academy of
Information Technology**

- Engineering studies, Information Management

SKILLS

- IT Project Management
- Startups and Operations Management
- Software Architecture
- Full Stack Development
- DevOps/Infrastructure Management

LANGUAGES

- Polish (native)
- English (C1)
- German (B1)

INTERESTS

- Sports, Travel, Mountain Tourism
- DIY, Bushcraft
- Books, Sci-Fi Movies
- Playing and creating computer and tabletop games



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2019 - present

Software Architect

SYSTEMEG SP. Z O.O.

2021 - 2022

Designing the architecture of the enforcement system and implementing interfaces for system operators, supporting debtor documentation workflow and remote monitoring and control of monitoring devices. Designing and implementing a fare tariff generator.

PvP House SP. Z O.O.

2020 - 2022

Designing a duel system in games. Designing and implementing the system and interface for duel organization, a payment system for purchasing virtual currency, and integration with game engines to start and monitor duel statuses.

Safety App SP. Z O.O.

2024 - present

Co-Founder / CTO

- Selecting and managing the project team, including overseeing recruitment and team development.
- Selecting and managing tools supporting company operations and implementing and automating internal company processes.
- Designing the system architecture supporting the company's digital transformation.
- Creating universal web, mobile, and desktop solutions for clients.
- Translating client requirements into technical specifications and overseeing their implementation.
- Supporting the solution design process and conducting internal UX research.
- Providing technical support to clients, participating in networking events to expand the company's reach, and supporting the brand's visibility in social media.

MediWell SP. Z O.O.

2020 - 2022

Head of Technology

- Designing and managing the company's IT infrastructure.
- Designing the company's products (telemedicine kiosks), selecting and coordinating hardware components, assembly, and software development.
- Supporting the development of the company's products' software and improving the mobile application.
- Supporting product deployment, overseeing products, and maintaining them at client sites.

MediBOX SP. Z O.O.

2019 - 2020

Head of Technology

- Designing and managing the company's IT infrastructure.
- Designing the solution architecture and technical oversight of product development (telemedicine kiosks and systems).
- Supporting the development of the company's products' software and improving the mobile application.
- Overseeing and supporting product deployment to clients.



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PROFESSIONAL EXPERIENCE

MG Group S.A

2018 - 2020

Web Developer

- Maintenance and development of mobile application features for the Android system.
- Maintenance and development of the company website based on the WordPress CMS system.
- Support in maintaining the company's product infrastructure, including training client personnel and assembling medical devices.
- Development of new cross-platform applications for the company with integration to medical devices—ECG/Scales/Blood Pressure Monitor/Glucometer/Thermometer.
- Preparation of teleconferencing applications for use during home quarantine.

BILLON SP. Z O.O.

2015 - 2016

Frontend Developer

- Maintenance and development of the company website based on the CMS SilverStripe system.
- Design and implementation of an interface for collecting donations on streaming platforms.
- Development of a payout panel for employees with integration of virtual currency on blockchain.

TECHNOLOGIES

Tech Stack

- Typescript/Javascript
- Angular/PrimeNG/TailwindCSS
- NodeJS/NestJS
- Ionic/Capacitor/Electron
- REST/GraphQL
- Docker
- Prisma/PostgreSQL

Tools

- Jira, Confluence
- Gitlab, GitlabCI
- Postman
- Notion
- Figma
- N8N

REFERENCES

Joanna Żak

Mediwell SP. Z O.O. / CEO

Phone: +48 508 232 870

Email: zak.joanna1@gmail.com

Karolina Maj

MediBOX SP. Z O.O. / CEO

Phone: +48 791 069 169

Email: kmaj971@gmail.com

I hereby consent to the processing of my personal data for the purposes of current and future recruitment processes, in accordance with Article 6(1)(a) of the European Parliament and Council Regulation (EU) 2016/679 of 27 April 2016 on the protection of individuals 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).