Michał Nowotnik

⊙ Warsaw, Poland

✉ michal@mnowotnik.com

Ambitious and analytical software consultant with a focus on delivering high-performance financial solutions. At IG, I specialized in developing low-latency trading platforms, utilizing FIX-protocol to ensure efficient integration with global brokerage networks. My role centered on advancing technology and optimizing market access, combining strategic problem-solving with robust communication skills in a team-oriented environment. I thrive in settings that challenge the status quo, boosting client satisfaction and operational effectiveness.

PROFESSIONAL EXPERIENCE

❯ Senior Java Developer

2022 Aug - Present | IG | Warsaw, PL

Initially hired to modernize a legacy client interface, my role quickly expanded to key projects in the Direct Market Access team. I led the update of a customer-facing UI with Ember.js, introducing additional functionalities for portfolio managers. Significantly improved performance by migrating the analytics platform to the latest R version, cutting dashboard load times by two-thirds. Managed AWS Elastic Beanstalk environments and mentored a junior Java developer. My core responsibility was engineering and refining low-latency exchange gateways using the FIX protocol, facilitating advanced integration with global brokers to enhance trade execution speeds and system dependability in high-frequency trading settings.

Java | Spring | R | Ember.js | AWS | FIX | Kafka

❯ Owner

2021 Apr - Present | Michał Nowotnik IT Consulting | Warsaw, PL

Providing services in various domains of IT. I can help your business by pinpointing areas that would benefit from a digital transformation or automatization. I am also available as a proficient coder who can deliver results quickly: be it PoC, or a component that is needed yesterday. Visit mnowotnik.com for more information.

❯ Senior Consultant

2018 Apr - 2021 Mar | PwC IT Services | Warsaw, PL

Developed and maintained lending platform serving over 300k customers across seven countries. Assisted Solution Architect in modernizing monolithic system and introducing development guidelines. Extended third party solutions in order to provide unified approaches to observability and configurability of microservices. Created automated data pipeline jobs for Analytics department. Conducted a small workshop about working in Linux environment.

Java | Spring | Kubernetes | Docker | Python | SQL

❯ Java Developer

2017 May - 2018 Mar | Onwelo | Warsaw, PL

Developed microservices in a Kubernetes-managed distributed system. Worked closely with UX and Testing departments to ensure high product quality. Created a microservice serving classification ML model. Helped BI department by providing expertise and creating software tools.

Java | Python | Javascript | Kubernetes | SQL | Kafka

❯ Senior Software Engineer

2016 Feb - 2017 Apr | Enigma Information Security Systems | Warsaw, PL

Maintained and developed various web services in Java and Python as a part of a complex distributed system. Created a python web application serving Angular SPA.

Java | Spring | Python | Django | Javascript | Angular | Cassandra | PostgreSQL | ActiveMQ

❯ Software Developer Intern

2015 Sep - 2015 Nov | Samsung R&D Institute Poland | Warsaw, PL

Responsible for development of an interactive single page application that served as a visual tool to edit graph-based specifications.

Python | Django | Javascript | Backbone.js

EDUCATION

Warsaw University of Technology
2011 - 2016   Computer Science, BSc

Warsaw University of Life Sciences
2009 - 2014   Biotechnology, BSc