

PROFESSIONAL SUMMARY

Innovative leader in scalable AI-driven architectures and distributed neural microservices. Expert in training advanced machine learning models, optimizing high-performance computing (HPC) systems, and designing user-centric, aesthetically refined applications. Passionate about merging engineering precision with creative UX/UI design to craft intuitive, high-impact solutions. Driven by a vision of universal connectivity and self-determination, seamlessly integrating strategic AI automation with human-centered technology. Recognized for driving innovation, leading transformation, and delivering scalable, AI-powered solutions that enhance both efficiency and user experience.

EXPERIENCE

Principal Engineer – AI & Distributed Systems

Self-Employed (Maersk, Sabre, ABB, SDI Media [Netflix], Thepetshop.com, Codete, Sternkraft, Blazity, Grupa KMK) | Remote | Jun 2019 – Present

- Led the development of neural microservices and AI-driven architectures, improving system scalability by 40%
- Refactored large-scale applications, reducing technical debt and latency by 25%
- Delivered high-priority production fixes within 48 hours for applications serving millions of users
- Introduced CI/CD pipelines and automated testing, increasing developer efficiency by 30%
- Conducted in-depth system audits, identifying and fixing bottlenecks to enhance reliability and maintainability

Full Stack Engineer

Evenea | Remote | Sep 2019 – Mar 2020

- Managed a team of developers, optimizing workflows and improving project delivery timelines
- Improved frontend rendering speed by 25% by optimizing React and TypeScript performance
- Developed a secure, scalable event ticketing system, integrating payment solutions

Lead Full Stack Developer

iForbet.pl | Warsaw | Feb 2018 – May 2019

- Created a duplicate detection system with 80% accuracy, ensuring data integrity
- Designed and implemented a Progressive Web App from scratch, significantly enhancing user engagement
- Led the full-stack development of a sports betting system using React, Node.js, and Elasticsearch

Frontend Developer

Roche | Remote | Mar 2017 – Dec 2017

- Developed an AI-powered visualization system to assist doctors in cancer patient management
- Introduced modern React-based frontend solutions, positioning the team for future-ready applications

Node.js Developer

Genesis Mobo | Warsaw | Mar 2016 – Jan 2017

- Developed low-level software for Raspberry Pi, integrating with Warsaw's transportation system
- Designed highly efficient Node.js solutions for real-time data processing



Mike Porydzaj

Visionary Principal Engineer
& AI Specialist
Mysłowice, Poland

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SOFT SKILLS

Strategic Thinking

quickly selecting the best
solution options

Maximizer

optimizing code and increasing
team efficiency

Relator

building strong relationships
within teams

Futuristic

implementing new
technologies and trends

HARD SKILLS

JavaScript

React, Next.js, TypeScript,
D3.js, Three.js, Tensorflow

Backend

Rust, Node.js, NestJS, Fastify, tRPC

DevOps

Serverless, Microservices,
JAMstack

CI/CD

Cypress, Playwright, Jest, Docker

Frontend Developer

Tom&Co | Katowice | Jun 2016 – Mar 2017

- Built a React-powered online store, improving performance and user experience
- Transitioned AngularJS components to a React-based architecture, boosting efficiency

Full Stack Developer

Freelancing & Singraph | Remote / Mysłowice | 2013 – 2016

- Built scalable content management systems and enterprise-level customer relationship tools
- Managed VPC configurations and cloud-based application hosting
- Pioneered use of React, AngularJS, and PHP frameworks to modernize web applications