



MACIEJ WOJDA

Open minded, ambitious engineer with strong **passion** for programming. With **problems solving** approach, not afraid of challenges. **Proactive**, highly involved and motivated. Creative, visionary. Enthusiast of **clean code** and modern technologies. Participated in over **30** IT projects from various industries.

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IT EXPERIENCE

Software engineer (12.2024 – 11.2025, part time)

Nexus (mobile app for Android/iOS)

- Modernizing 4-year-old legacy code (app for investing in cryptocurrencies, real estates, stock)

Tech stack: React Native, TypeScript, ExpoGo, Redux



Software engineer (06.2023 – present, part time)

Empatify (mobile app for Android/iOS)

- Introducing brand new code standards — big refactor of whole app's heavy legacy code
- Further app development, data analytics
- Brainstorming about UI, UX, functionalities

Tech stack: React Native, TypeScript, ExpoGo, FireBase, Sentry, Node.JS, SQLite



Frontend web3 engineer (01.2022 – 12.2024)

SpartaDEX 08.2023 – 12.2024, full time

- Owned all FE apps including: gamified DEX, launchpad, landing page, and others
- Implementation of strategic changes, i.e. dex aggregator, multi-chain support, bridge, liquidity migration...
- Occasional contribution to backend (NestJS)
- Taking care of security



StarHeroes 08–09.2023

- Development of NFT minting & burning page, including revealing rewards



GameSwift 08.2022 – 06.2023

- Gaming platform & landing/launcher page development, working in team
- Active contribution to UI/UX concepts, brainstorming about clean coding standards
- Mentoring for junior engineers about projects and best practices



StarTerra 01–06.2022

- Maintenance & development of IDO Launchpad
- Responsibility for best content quality



Tech stack: Next.JS, Vite, ReactJS, TypeScript, JavaScript, WAGMI, Ethers, React Query, Jotai, Docker, NestJS, Radix UI, Tailwind CSS, Styled Components, SASS/SCSS

Software engineer (01.2022 – 06.2023)

4Dustry sp. z o.o.

- Microservice with REST API returning details from data structures of Inventor 3D models and other CAD files
- Assembly Analyzer plugins for CAD software (communicating via REST API with web app)
- Other plugins to Autodesk Software for external companies

Tech stack: JavaScript, Node.JS, VB.Net, VBA, Batch Script, Google Cloud, AWS, Windows Server



Frontend/fullstack developer, other startups (2021, 2023)

Toshipad 07.2023

- Launchpad for tokens in standard BRC-20 (based on Bitcoin inscriptions)

Zjem Co Mam (proof of concept) 10–12.2021

- Content scraping of popular cooking pages
- Backend: REST API for aggregating/editing/querying data

Tech stack: JavaScript, TypeScript, Node.JS, Express.js, PostgreSQL, React.JS, Ant Design, SASS/SCSS

Other IT freelance jobs (2018 – 2022)

Maciej Wojda Challenge Accepted

- Web development with subcontractor
- Data acquisition and visualisation (VBA, Python)
- Automation in Excel and Google spreadsheets
- Migration between mailing systems
- Algorithms for meetings on networking events

Tech stack: HTML, CSS, jQuery, VBA, Python, SQL

ENGINEERING EXPERIENCE

Piping designer / automation specialist / Mechanical engineer (2018 – 2021)

ILF Consulting Engineers

- Piping detailed design on Jubail-Riyadh, Rabigh-Jeddah water transmission systems
- Providing high quality and precision of data on thousands of isometric drawings
- Deep dive in data structures of Autodesk for developing custom tools on piping projects
- Cooperation with internal teams: architects, sanitary, civil, road, electric, mechanical
- Communication with external process team (German ILF), vendors (vessels manufacturers)

Tech stack: AutoCAD, AutoCAD Plant 3D, MS Office, VBA, VB.Net, SQL



R&D Engineer (2016 – 2017)

R&D project of multifuel barrel-type HCCI engine, WUT

- FEM strength analysis of engine parts, including material creeping phenomenon
- Automating scripts for FEM analysis, plugins for CAD software, VBA applications in Excel
- Research about fuel compressors, communication with manufacturers
- Communication with suppliers, subcontractors, manufacturers
- Manufacturing/assembly of engine parts, assembly tools, engine dyno

Tech stack: Siemens NX, MS Office, VBA, VB.Net, SQL, Ansys, APDL



EDUCATION

Power Engineering, Warsaw University of Technology 2013 – 2019

Bachelor thesis: FEM analysis of creep processes in a turbine rotor of the turbocompound system

Master thesis: Model of liquefied air energy storage coupled with regasification process of the LNG terminal in Świnoujście

Renewable Energy Sources, Warsaw University of Life Sciences 2011 – 2015

Bachelor thesis: RES development impact on energy safety of Poland

Environmental Engineering, Warsaw University of Technology 2011 – 2013

English-language studies with foreigners, changed for power engineering

Others 2021

Algorithms at codility.com

Solidity at cryptozombies.io

SKILLS SUMMARY

Tech stack:

NextJS, Vite, React JS, JavaScript, TypeScript, Redux, Tailwind CSS, Styled Components, SASS/SCSS, React Native, Expo Go, FireBase, ReactQuery, Jotai, Express, NestJS, Axios, Node.js, Ethers, WAGMI, GraphQL, PostgreSQL, MySQL, SQLite, MongoDB, VBA, VB.NET, C#, Python, PHP, AWS, Google Cloud, NewRelic, Docker, CI/CD.

Used long time ago:

C, C++, Java, Free Pascal

Other dev skills & knowledge:

Algorithms, data structures, cryptography, patience and resilience for problems and cryptic legacy code

Soft skills:

Responsibility, communication, empathy, tasks prioritizing, analytical thinking, fast adaptation to changing conditions

Foreign Languages:

English (advanced C1), Spanish (elementary), German (elementary)

NO-CODE HOBBY

Skiing, skating, diving