MICHAL MARSZALEK

Junior Software Developer

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🔗 /mwmarszalek ◌ /mwmarszalek 🌐 **Dev Portfolio**

SKILLS

Python | JavaScript | Java | Node.js | React.js | Spring | MongoDB | HTML | CSS | REST API | Bootstrap | PostgreSQL | IntelliJ | Flask | Mocha | Cypress | Jest | unittest | Git | Agile | TDD | OOP

TOOLS

VSCode | IntelliJ IDEA | Excel | PowerBi | Insomnia | Postico | Anaconda | Slack | ZSH | Chrome | GitHub | Figma | Draw.io | MongoDB Compass

LANGUAGES

English: Proficient / C2

Polish: Native

ABOUT ME

As a former technical coordinator turned junior software developer, I have developed a passion for coding through various bootcamps and an 800-hour professional software development course at CodeClan. I am a quick learner with excellent organizational skills and a commitment to delivering quality work. I value collaboration and communication, thrive in dynamic environments, and am excited to continue my journey as a software developer and contribute to innovative projects.

TECHNICAL EDUCATION

Professional Software Development Course | Codeclan

📅 11 2022 – 03 2023 📍 Glasgow, Scotland

- 16 week intensive SQA accredited course teaching the fundamentals of software development across a range of languages and frameworks, using **Agile** methodologies, **TDD** and **OOP** to build full-stack applications. Over **800 hours** of instructor-led coding, pair programming and group project experience
- **Skills:** Python • HTML • CSS • PostgreSQL • Javascript • React • Express • MongoDB • Java • Spring • GIT • RESTful workflow • Mocha, Jest, Cypress, unittest

PROJECTS

macrOS | front-end: ◌ | back-end: ◌

📅 14 days

- MacrOS is a full-stack calorie tracking application, with functionality allowing users set nutrition goals, track and view their daily food/calorie/macro intake and monitor their progress over time. It was developed as a team project over 14 days using Javascript, React and Bootstrap, with a Java Spring Boot server and a PostgreSQL database. I took a lead on programming the onboarding and registration process. Since development it has been beta tested by a number of fitness enthusiasts including a former professional rugby player who say that the user experience and quality of tracking put it leagues ahead of its main competitor myfitnesspal.
- **Stack:** JavaScript • React • Java • Spring Boot • PostgreSQL• Bootstrap • HTML • CSS

BeeCareful | ◌

📅 7 days

- Beecareful is a full-stack app for beehive management. It allows users to track daily inspections, hive health, bee colonies and weather (using external API). It was developed as a team project over 7 days using React and javascript with an Express server and a MongoDB database. We developed the app using feedback from an experienced apiarist looking to improve on current applications available on the market and was tested with his colonies after development. I took the lead on designing the React front-end (components hierarchy and relationships and UX). It received very positive feedback from users who praised the user interface.
- **Stack:** JavaScript • React • Express • MongoDB • HTML • CSS

Earth Trekker | :octocat:

📅 5 days

- Earth Trekker is full-stack CRUD app developed solo over 5 days in Python with Flask and a PostgreSQL database which allows users to track countries and cities they visited or plan to visit. I drew from my own experience as a seasoned traveller to design the functionality and user interface.
- **Stack:** Python • Flask • PostrgeSQL HTML • CSS

CAREER

Technical Coordinator | Scottish Leather Group

📅 01 2020 – 03 2022   📍 Bridge of Weir, Scotland

- Developed efficient scheduling and reporting systems using Excel and PowerBi that resulted in cost **savings of 280k p.a.**
- Generated insightful efficiency reports for CEO's based on data analysis.
- Coordinated team tasks to ensure project deadlines were met.

Team Leader | Bridge Of Weir Leather

📅 09 2017 – 12 2019   📍 Bridge Of Weir, Scotland

- Conducted data analysis and reporting using advanced Excel functions and PowerBI, resulting in more informed decision making within the team.
- Successfully organized and delegated tasks, increasing team efficiency and productivity.

Production Technician | Bridge Of Weir Leather

📅 08 2015 – 09 2017   📍 Bridge Of Weir, Scotland

- Streamlined production workflow for maximum efficiency, saving valuable time and resources.
- Conducted regular quality checks to ensure consistent high standards of work output.
- Developed and implemented effective production strategies resulting in increased productivity and improved performance.
- Proactively identified and resolved potential issues in the production process to maintain smooth operations.

EDUCATION

Social Statistics | Szczecin University

📅 2009 – 2012   📍 Szczecin, Poland

- Bachelor's Degree in Applied Sociology (specialisation in **statistics**)