
Mateusz Fijak

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Education

AGH University Mechatronic Engineering (PL) Bachelor's degree 2016 – 2020	Explored topics related to informatics, electronics and mechanics. Mostly focused on OOP, Web development, Machine Learning and robotics. Selected projects: evolutionary path optimization algorithm, Air Hockey mobile game, ball-balancing robot (engineering thesis), ML-based web application for question-answering and summarization (master thesis).
Mechatronic Design (EN) Master's degree 2020 – 2021	

Career

E-Moto AGH Fullstack developer 10.2018 – 07.2019	Designed and developed a portfolio website (HTML, CSS, JS, jQuery). Implemented new features for an existing application for the on-board computer of an electric motorcycle (Python).
TI Automotive Fullstack developer (intern) 06.2019 – 08.2019	Independently designed and developed a web plugin for data visualization (C#, ASP.NET, JavaScript, MSSQL, Git).
CorCode Junior Android developer 09.2019 – 06.2021	Maintained and developed new features for existing mobile applications for the Car Rental sector (Android, Kotlin). Maintained and developed new feature for existing frontend applications for the Automotive sector (TypeScript, Angular, Jest).
Hybrid Frontend developer 03.2020 – 01.2023	Independently designed and developed mobile applications for Health and Car Rental sectors (TypeScript, Angular, Ionic, Jest). Performed feature cost evaluation, sprint planning, implemented base test automation (Cypress, Git, GitLab CI/CD).
BY EXAMPLE Fullstack engineer 10.2021 – present	Designed and developed a low-code web platform for creating and publishing interactive websites (Python, Flask, JavaScript). Explored new technologies while performing various R&D tasks (TypeScript, Node.js, Next.js, NestJS). Performed base automation and infrastructure – related tasks (GitLab CI/CD, Docker, AWS EC2, Ansible). Performed base automation and infrastructure – related tasks (GitLab CI/CD, Docker, AWS EC2, Ansible). Analyzed and challenged product specification and requirements.

Hobby

Sport and nutrition – mainly Calisthenics, and running (my sport-related [YouTube](#) channel).
Web development – exploring new concepts and technologies, mainly in web development (my [GitHub](#) profile, my largest, independent side project: <https://re.nightwood.dev>).
