Miroslav Makarov Junior Software Engineer

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Personal Statement

I am a reliable, thorough with an eye for a detail, calm, approachable, creative and hardworking individual. I am passionate about IT, learning, intellectual challenges and opportunities to contribute. I have a drive to achieve and I always seek constructive feedback to better myself.

Portfolio

2020 Tested

2019

Push-up Plans

Practice

(flip-cards)

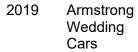
Progressive web app for improving your push-ups

- React, React-Bootstrap, Material-UI, NodeJs + Express, MongoDb, Heroku, JWT, web Push notifications
- source code
- https://mmacode.github.io/MERN-ReactForExpress/#/pushups (designed for mobiles only)



Web-app to practice foreign language vocabulary

- JavaScript, HTML, CSS, SASS, Firebase database, Webpack, google API services, git & github
- source <u>code</u>
- https://miroslavmakarov.netlify.app/projects/flipcards/dist/practice.html (designed for mobiles only)



Responsive website promoting wedding cars for rent

- HTML, CSS, responsive design, SASS, Webpack, Babel
- source <u>code</u>
- http://www.armstrongweddingcars.com

Relevant Working Experience

September 2020 onwards

Apprentice /Junior software engineer at AMEX – Mars – Deimos

Mars (Modern Accounts Receivable System) is a collection of microservices based on event driven architecture. Deimos – my team – is one of 14 scrum teams delivering functionality for Mars.

Technologies and tools we use and I am familiar with:

- Languages: Java 8 (with Spring), Javascript (React)
- Concepts: DDD, BDD, TDD, OOP, DRY, clean code, some SOLID principles, some design patterns, unit-component-contract-platform testing hierarchy
- Testing: Junit5, Cucumber, Mockito, checkStyle, SonarCube; in React: Jest, Enzyme
- Deployment: git, github, bitbucket, Maven, Docker, Jenkins, XL-release, eCP
- Other: Postman, Bash scripting, RegEx, event sourcing, project Reactor



September 2015 – July 2020 Maths Teacher, Tutor and Teaching Assistant in UK

 relevant skills: team work, communication – explaining concepts clearly, planning, organisation

IT Courses

2021 • **Spring** Framework 5: Beginner to Guru (in progress)

2020 • Java Programming Masterclass (25h)

Node.js, Express, MongoDB & More (20h)

Complete <u>React</u> Developer in 2020 (w/ Redux, Hooks) (25h)

2019 • WordPress basics (10h)

Machine Learning basics (20h)

Modern <u>JavaScript</u> (19h)

Modern HTML & CSS (Including Sass) (21h)

Responsive <u>Web Design</u> Fundamentals (2w)

Learn <u>CSS</u> (15h)

Introduction to <u>HTML</u> (9h)

Learn how to code (6h)

Formal Education

2005 – 2011 Master's Degree

 Secondary Teaching Physical Education and Psychology (Charles University, Prague, Czech Republic)

2003 – 2005 A Level Equivalents

Programming (in Pascal) – A*, Maths – A*, Czech – B, German – C (Gymnazium Lesni Ctvrt, Zlin, Czech Republic)

