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.

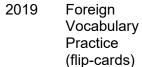
Portfolio

2020

Tested Push-up Plans

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 code
- https://miroslavmakarov.netlify.app/projects/flipcards/dist/practice.html (designed for mobiles only)

2019 Armstrong Wedding Cars 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 & Certificates

2021

- Spring Framework 5: Beginner to Guru (in progress)
- Certificate: Microsoft Technology Associate: Introduction to Programming Using <u>Java</u>
- Certificate: BCS Level 4 Diploma in Software Development Methodologies

2020

- Java Programming Masterclass (25h)
- Node.is, Express, MongoDB & More (20h)
- Complete <u>React</u> Developer in 2020 (with Redux, Hooks) (25h)

2019

- WordPress basics (10h)
- Machine Learning basics (20h)
- Modern <u>JavaScript</u> (19h)
- Modern <u>HTML & CSS</u> (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)

