

Miroslav Makarov
Junior Software Engineer

12Junction Close
Ford, Arundel, West Sussex
BN18 0TE
Mobile: 00447470033612
Email: miroslav.makarov@gmail.com

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)



2019 Foreign
Vocabulary
Practice
(flip-cards)

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 [code](#)
- <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)
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2020

- **Java** Programming Masterclass (25h)
 - **Node.js, Express, MongoDB** & More (20h)
 - Complete **React** Developer in 2020 (w/ Redux, Hooks) (25h)
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2019

- **WordPress** basics (10h)
- **Machine Learning** basics (20h)
- Modern **JavaScript** (19h)
- Modern **HTML & CSS** (Including Sass) (21h)
- Responsive **Web Design** Fundamentals (2w)
- Learn **CSS** (15h)
- Introduction to **HTML** (9h)
- Learn how to code (6h)

Formal Education

2005 – 2011

Master's Degree

- Secondary Teaching Physical Education and Psychology
(Charles University, Prague, Czech Republic)
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2003 – 2005

A Level Equivalents

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

