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)

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 & Certificates

2021	▪ **Spring** Framework 5: Beginner to Guru (in progress)
	▪ Certificate: Microsoft Technology Associate: Introduction to Programming Using **Java**
	▪ Certificate: BCS Level 4 Diploma in Software Development Methodologies

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

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)

2003 – 2005	A Level Equivalents
	▪ Programming (in Pascal) – A*, Maths – A*, Czech – B, German – C (Gymnazium Lesni Ctvrt, Zlin, Czech Republic)