




### Personal Statement

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

## Portfolio

2020	Tested Push-up Plans	<b>Progressive web app for improving your push-ups</b> <ul style="list-style-type: none"><li>React, React-Bootstrap, Material-UI, NodeJs + Express, MongoDB, Heroku, JWT, web Push notifications</li><li>Source code: <a href="https://github.com/MMAcode/MERN-ReactForExpress">https://github.com/MMAcode/MERN-ReactForExpress</a></li><li>App: <a href="https://mmacode.github.io/MERN-ReactForExpress/#/pushups">https://mmacode.github.io/MERN-ReactForExpress/#/pushups</a> <i>(designed for mobiles only)</i></li></ul>	
2019	Foreign Vocabulary Practice (flip-cards)	<b>Web-app to practice foreign language vocabulary</b> <ul style="list-style-type: none"><li>JavaScript, HTML, CSS, SASS, Firebase database, Webpack, google API services, git &amp; github</li><li>Source code: <a href="https://github.com/MMAcode/MMAcode.org/tree/master/projects/flipCards">https://github.com/MMAcode/MMAcode.org/tree/master/projects/flipCards</a></li><li>App: <a href="https://miroslavmakarov.netlify.app/projects/flipcards/dist/practice.html">https://miroslavmakarov.netlify.app/projects/flipcards/dist/practice.html</a> <i>(designed for mobiles only)</i></li></ul>	
2019	Armstrong Wedding Cars	<b>Responsive website promoting wedding cars for rent</b> <ul style="list-style-type: none"><li>HTML, CSS, responsive design, SASS, Webpack, Babel</li><li>source code: <a href="https://github.com/MMAcode/MMAcode.org/tree/master/mini_projects_followed/Sara_New_Web">https://github.com/MMAcode/MMAcode.org/tree/master/mini_projects_followed/Sara_New_Web</a></li><li>Web page: <a href="http://www.armstrongweddingcars.com">http://www.armstrongweddingcars.com</a></li></ul>	

## Relevant working experience

10/2021 - onwards	<b>Software engineer at AMEX</b> <p>As a member of the agile scrum team, I am helping to deliver 'Mars' (Modern Accounts Receivable System) - a collection of microservices based on event driven architecture'. I am taking part in writing code, testing, CICD pipeline and improving our processes.</p> <p><i>Technologies and tools we use and I am familiar with:</i></p> <ul style="list-style-type: none"><li><b>Languages:</b> Java 8 (with Spring), Javascript (React)</li><li><b>Concepts:</b> DDD, BDD, TDD, OOP, DRY, clean code, some SOLID principles, some design patterns, unit-component-contract-platform testing hierarchy</li><li><b>Testing:</b> Junit5, Cucumber, Mockito</li><li><b>Deployment:</b> git, github, bitbucket, Maven, Docker, Jenkins, XL-release, eCP, K9S kubernetes</li><li><b>Other:</b> Postman, Bash scripting, RegEx, event sourcing, project Reactor, Splunk, Cassandra db</li></ul>
09/2020 - 09/2021	<b>Apprentice / Junior software engineer at AMEX</b> <p>The same as above</p>
09/2015 - 07/2020	<b>Maths &amp; Cover Teacher, Tutor &amp; Teaching Assistant in UK</b> <ul style="list-style-type: none"><li><b>Relevant skills:</b> team work, communication (explaining concepts clearly, giving clear instructions), planning, organisation</li></ul>

## 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)

## Exams & Certificates

- Software developer level 4: apprenticeship, passed with Distinction (2021)
- Microsoft Technology Associate: Introduction to Programming Using **Java** (2021)
- BCS Level 4 Diploma in Software Development Methodologies (2021)

## Courses

IT (2019-2021):

Cassandra Db(7h), **Spring** Framework, **Java** Programming Masterclass (25h), Node.js, Express, **MongoDB** & More (20h), Complete **React** Developer in 2020 (with Redux, Hooks) (25h), **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)

Other (2005-2015):

Multiple trainings and certificates on: communication, cooperation, leadership, coaching and personal development.

## Lifetime achievements

- After changing my career, I managed to finish the 18 month long software-developer apprenticeship within 13 months with a distinction (achieved only by 5% of all apprentices) while:
  - securing a permanent role within the company
  - being diagnosed, treated and cured from Cancer
  - having my first born child.
- While at university:
  - My master thesis profesor stated that my thesis could be easily used as a doctor's thesis.
  - I managed to finish a whole school year with its exams and requirements within half a year so that I could take part in a one semester long international student exchange.
- I ran a marathon; executed 30 consecutive pull ups, 1000 pull ups in 4 hours and 1000 pushups in 2 hours.

