




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, opportunities to contribute.
I have a drive to achieve, make world a better place for everyone and I always seek constructive feedback to better myself.

Portfolio

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

Relevant working experience

10/2021 - onwards	Software engineer at AMEX <p>As a member of 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">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 hierarchyTesting: Junit5, Cucumber, MockitoDeployment: git, github, bitbucket, Maven, Docker, Jenkins, XL-release, eCP, K9S kubernetesOther: Postman, Bash scripting, RegEx, event sourcing, project Reactor, Splunk, Cassandra db
09/2020 - 09/2021	Apprentice /Junior software engineer at AMEX <p>The same as above</p>
09/2015 - 07/2020	Maths & Cover Teacher, Tutor & Teaching Assistant in UK <ul style="list-style-type: none">Relevant skills: team work, communication (explaining concepts clearly, giving clear instructions), planning, organisation

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)

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; exected 30 consecutive pullups, 1000 pullups in 4 hours and 1000 pushups in 2 hours.

