Miroslav Makarov
Software Engineer

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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 contribute, and I always seek constructive feedback to better myself.

Relevant working experience

11/2024 - current

Software engineer at Multiverse
- Developed and maintained full-stack web applications using Elixir/Phoenix and Typescript/Node.js/React applications.
- Collaborated in a microservices environment, ensuring seamless communication via APIs and RabbitMQ messaging.
- Worked with PostgreSQL, Metabase, Datadog, Github, terraform, AWS and other technologies
- Worked in a scrum team in sprints, cooperated and communicated within and outside the team

10/2022 - 11/2024

Junior software engineer at Multiverse
- as above

10/2021 - 09/2022

Software engineer at AMEX
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.

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
- **Deployment**: git, github, bitbucket, Maven, Docker, Jenkins, XL-release, eCP, K9S kubernetes
- **Other**: Postman, Bash scripting, RegEx, event sourcing, project Reactor, Splunk, Cassandra db

09/2020 - 09/2021

Apprentice / Junior software engineer at AMEX
as above

09/2015 - 07/2020

Teacher, Tutor & Teaching Assistant in UK
- **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:
  - passing English functional skills L2 exam (GCSE equivalent)
  - 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 professor 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.