PERSONAL PROFILE

Name:	Mikołaj Mańczak
Date of birth:	25.01.1994
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Website:	https://mikomanczak.github.io/Portfolio
GitHub:	https://github.com/mikomanczak
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EDUCATION

Technische Universität Berlin   Computer Science
Bachelor of Science   Software engineering specialization

SKILLS

Frontend:	HTML5, CSS3, Sass/SCSS, JavaScript, TypeScript, React, Redux, Service Workers
Backend:	Node.js(Express), Java
Web service architectures:	REST, GraphQL
Databases:	MongoDB, MySQL
Version control :	SVN, Git
Testing:	Selenium, JUnit, TestNG, Jest
Other tools:	Webpack, Babel, npm, Maven, Postman, Jenkins, Chrome DevTools

General Software Development knowledge(requirements engineering, system design methodologies, architecture styles, design patterns, software metrics, verification and validation principles)

General Web Development knowledge:
- performance optimization (caching techniques, reducing HTTP requests, code splitting)
- understanding of cross-browser compatibility issues and ways to work around them
- common practices (A/B testing, user behavior tracking and analysis, search engine optimization)

EXPERIENCE

Axel Springer   Software Engineer

December 2019 - now

- frontend development (React & TypeScript)
- devOps automation (AWS & Node.js)

Siemens - Mobility Division (Research & Development Team)   Software Engineer

April 2018 – December 2019   working student

Developed subsystems for an internal platform to manage R&D projects with:
React + Redux, Node.js (Express), MongoDB
Took ownership of the entire subsystems (system architecture and design, implementation, verification and validation)

Cubitabo   Scrum Master & Technical Product Manager

September 2016 - April 2018   working student

- Conducted scrum process
- Supervised contractors and remote developers
- Analysed Google Analytics reports, A/B tests and heatmaps (VWO)
- Technical research, roadmapping, product management

Cubitabo   QA Automation & DevOps Engineer

September 2014 - September 2016   working student

- Developed QA strategy and integrated it into development process
- Automated regression testing (Java, Selenium and TestNG)
- Implemented internal tools for my colleagues (Java)

LANGUAGES

English	German	Polish
fluent	fluent	native

PROJECTS & ACHIEVEMENTS

Refined Babcock's and Olston's algorithm for distributed top-k monitoring (heavy hitters).
Github repository: https://gitlab.tubit.tu-berlin.de/mikomanczak/distributed-top-k-monitoring-with-machine-learning