PERSONAL PROFILE

Name: Mikołaj Mańczak
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EDUCATION

Technische Universität Berlin   Computer Science (Bachelor degree)

2013 - today   Software development specialization

SKILLS

Frontend: HTML5, CSS3, Sass, JavaScript, TypeScript, React, Next.js, Redux, Apollo, Service Workers
Backend: Node.js(Express), Java
Communication: HTTP, WebSockets
Web service architectures: REST, GraphQL
Databases: MongoDB, MySQL
Version control :   SVN, Git
Testing: Selenium, JUnit, TestNG
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

Siemens AG   Software Engineer

Mobility Division (Research & Development Team) working student

April 2018 - today

- Developing a platform / full stack web application with React & Redux on the frontend, Node.js(Express) on the backend and MongoDB
  intended to manage quality assurance of safety critical internal software
- Implementing automated regression testing scripts with Java, Selenium and TestNG

Responsible for the entire project including: system design, implementation, verification and validation.

Cubitabo GmbH   Scrum Master

Septemebr 2016 - April 2018   working student

- Facilitated scrum events and methodologies (enhanced by Attlasian's Jira and Confluence)
- Monitored the development progress throughout each sprint to ensure that all team members understood their tasks and related requirements
- Analysed Google Analytics reports, A/B tests and heatmaps(Visual Website Optimizer) in order to provide statistical insights about the product
  and user behaviour
- Technical research and roadmapping
- Product management

Cubitabo GmbH   QA and Automation Engineer

September 2014 - Septemebr 2016   working student

- Defined QA standards, procedures and processes
- Developed QA strategy and integrated it into development process
- Implemented scripts to automate regression testing with Java, Selenium and TestNG

LANGUAGES

English	German	Polish
fluent	fluent	native