

# Mateusz Wilk

E-mail : [matewilk@gmail.com](mailto:matewilk@gmail.com)  
Phone : 07455270690

Website: [www.web-dev.engineer](http://www.web-dev.engineer)

## Work experience

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BBC

December 2015 — Present

Senior Web Developer

Responsibilities:

- Creating prototype and developing award winning BBC's Authentication Tool app.
- Creating prototype and taking active part in designing responsive version of BBC's CMS (iSite2)
- Developing responsive components and delivering new functionalities for the product (iSite2)
- Collaborating with other BBC's teams to ensure best product functionality and compatibility.
- Advising the Product Manager or Technical Project Manager to ensure that all technical possibilities are explored and that products achieve the best possible look, feel and functionality
- Evaluating time needed to develop certain features and developing the features in a given timescale
- Suggesting and using solutions and libraries to shorten development time and/or effort
- Advise on strategic technology issues
- Assistance with recruitment
- Mentoring and coaching of less experienced members of the team
- Developing new features and products for the organisation
- Redesigning existing functionality using proven development methodologies, processes and patterns along with the latest technology.
- Estimating Stories (Agile Scrum) development time, breaking them down into tasks and making sure they are delivered in a given time-frame (Sprint) - panning and prioritising tasks
- Resolving accessibility, usability and cross browser issues
- Working with 3rd party products/libraries
- Pair programming
- Code reviews
- Continuous Integration

Tools:

- Javascript: Plain Javascript, React.js, Node.js, Backbone.js, Require.js, Express.js, ES6;
- Css: Sass, Bootstrap, Angular-Material;
- Testing: Behat, PHPUnit, Mocha, Chai, Sinon, Jasmine;
- Continuous Delivery/Integration: Hudson, Heroku, AWS, Jenkins, AWS CodeDeploy and CodePipeline;
- Web Dev Tools: Bower, Grunt, Vagrant, Webpack, Require, Yeoman, Jshint, JsLint, JsBin, Js minifiers and more...

BBC

March 2014 — December 2015

Web Developer

Responsibilities:

- Front-end development of BBC's CMS (iSite2) used by Programmes, Sport, Blogs, Children in Need, Learning English and other BBC pages,
- Developing new functionalities and modifying existing ones,
- Improving code modularity, usability and testability,
- Rewriting legacy code using latest technologies into more maintainable modules,
- Moving logic from back to front-end,

- Code reviews,
- Pair programming

Tools:

- Javascript - Backbone.js, Node.js, React.js
- CSS3 - Sass, Bootstrap, Angular-Material
- TDD - Jasmine, Mocha, Sinon, Chai
- BDD - Behat,
- Continuous Integration - Hudson, Heroku, AWS, Jenkins
- Other - Yeoman, Bower, Grunt, Vagrant, Selenium, Require.js, Webpack

## Arbor Education - London

July 2013 — February 2014

Software Developer

Responsibilities:

- Student benchmarking, analytics, and Management Information Systems for schools development,
- GUI implementation,
- Responsive components development

Tools:

- Javascript, ExtJs, Php, Zend Framework

## Focus Telecom Polska - Poland

September 2010 — July 2013

Web/Javascript Developer

Responsibilities:

- Development, modifications and new functionality implementation in Javascript based CRM,
- Call centre system development,
- Front-end components implementation,
- User interface design & usability design,
- Data visualization,
- GUI implementation,
- Application architecture implementation,
- Back-end and SQL development,
- Full responsibility over one of the main company's products

Tools:

- Javascript, ExtJs, jQuery, css, html, Bootstrap, PHP, Zend Framework, MySQL, PostgreSQL

## Expanse - Poland

December 2009 — September 2010

Programmer Javascript/PHP/SQL

Responsibilities:

- Vehicle monitoring, controll and localization application development,
- GUI implementation,
- Application architecture implementation,
- Database design assistance,
- Writing SQL queries and procedures

Tools:

- Javascript, ExtJs, Javascript maps APIs, PHP, Zend Framework, Html, Css, PostgreSQL

## Responsibilities:

- Share Point Services 3.0 implementation and server administration,
- Users interviews and UML diagrams development,
- System requirements analysis

## Tools:

- Visual Studio .NET, Microsoft Windows Server 2005, Microsoft Web Developer

## Qualifications

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After finishing Faculty of Electrical, Electronic, Computer and Control Engineering, during my 5+ years of professional work I have been using many MVC based frameworks like Zend, Symfony, ExtJs, Backbone.js, libraries jQuery, Raphael.js, smarty, less, sass, Bootstrap and others. Tools like Git, SVN, DbDesigner, WebStorm, Atom, Vi and many others used to develop modern web based solutions. Lately I'm focused mainly on Javascript libraries and frameworks - React.js, Node.js, Express.js and other front-end tools like WebPack, Yeoman, Require. I am working with agile methodology keeping high quality standards even in requirements changing environment. Testability, maintainability, modularity and usability is a high priority for me. Always keeping-up to up to date with current trends and technologies.

## Tools And Technologies:

- JavaScript - React.js, Backbone.js, Node.js, Express.js, ES5, ES6, jquery
- TDD/BDD - Behat, PHPUnit, Mocha, Chai, Sinon, Jasmine
- Agile - Scrum
- Code Reviews
- Pair Programming
- Php - Zend, Symphony,
- CI - Jenkins, Hudson, Heroku, AWS, AWS CodeDeploy & CodePipelineWeb Dev
- Tools - Babel, Bower, Grunt, Vagrant, Webpack, Require, Yeoman, JsHint, JsLint, JsBin, Js minifiers, Bootstrap, Angular-Material and more...

## Education

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## Master Degree

2003 — 2009

Technical University of Lodz - Faculty of Electrical, Electronic, Computer and Control Engineering.

M.Sc in Computer and Control Engineering

## Thesis:

- Project and implementation of web-mail client with adaptive AI anti-spam filtering

## Activities and Societies

- Member of Microprocessor Autonomous System Academic Club - MIPSAC
- Recipient of IAESTES Scholarship in Spain (Universitat de Girona 2008-2009)

## Courses & conferences

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- Code Reviews

- Continuous Integration
- Pair Programming
- Behavioural Driven Development
- Test Driven Development
- HTML5 for Mobile and Web
- Microservices
- Agile Scrum
- AWS re:Invent 2015
- Front-Trends 2013 & 2014

## Certifications

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- MongoDB for Node.js Developers