

# Anton Miroshkin

## Full stack developer, Russian, 26.02.1986 (32 years old)



### Personal profile

Professional full stack software developer with scientific background and more than 5 years experience, passionate about modern technology and a big fan of acronyms like OOP, SOLID, DRY, KISS, YAGNI etc and their real life implementation. Result oriented team player with a can-do attitude, life long learner with time management skills, and a strong user focus.

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### Work experience

<p>Sep 2016 - Ongoing</p> <p><b>Software engineer .NET</b></p> <p>Emex Group <a href="http://www.emex.ru">www.emex.ru</a></p>	<p>I am C# software developer in .NET team that is responsible for development of web services and Windows apps for customer relationship management. At the same time I work on counterfeit detection and processing service for warehouse management system. Other important part of my daily activities is codebase support and refactoring.</p> <p style="text-align: center;"><b>Projects</b></p> <ul style="list-style-type: none"> <li>• Warehouse management system - backend development</li> <li>• Account department application - billing and payments</li> <li>• Document service - reports generation, printing and sending</li> <li>• Contragent service - registration data processing</li> <li>• Jobs service - scheduled operations execution</li> </ul> <p style="text-align: center;"><b>Results</b></p> <ul style="list-style-type: none"> <li>• Developed optimized reports set that allows to save up to <b>25%</b> paper (quarter amount of reports is about <b>350000</b> sheets)</li> <li>• Developed multithreaded app for delivery management system that allowed to <b>process order confirmation 10 times faster</b></li> <li>• Developed windows form with ability for large excel files creation (<b>500000 - 750000</b> rows)</li> </ul>	<p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• WPF</li> <li>• WCF</li> <li>• Windows forms</li> <li>• T-SQL</li> <li>• Entity framework</li> <li>• Unity</li> <li>• ASP.NET MVC</li> <li>• JavaScript</li> <li>• jQuery</li> <li>• Bootstrap</li> </ul>
<p>Sep 2014 - Sep 2016</p> <p><b>Software engineer C#</b></p> <p>JSC "Russian Railways" <a href="http://www.rzd.ru">www.rzd.ru</a></p>	<p>My responsibilities in chief designer department were support and development of SCADA system modules and electronic documentation web application.</p> <p style="text-align: center;"><b>Projects</b></p> <ul style="list-style-type: none"> <li>• Electronic technical documentation web application</li> <li>• Industrial protocol (IEC 60870-5-104) data transfer module for SCADA "Contact"(standard investigation, architecture design, coding, testing, writing manuals for developers)</li> </ul>	<p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• ASP.NET WebForms</li> <li>• Windows Forms</li> <li>• Reporting</li> <li>• T-SQL</li> <li>• Linq2SQL</li> </ul>
<p>Sep 2009 - Sep 2014</p> <p><b>Scientist/Software engineer</b></p> <p>JSC "Research and Development Centre of Federal Grid Company of the United Energy System" <a href="http://www.ntc-power.ru">www.ntc-power.ru</a></p>	<p>The main part of my work in power networks department was investigation and searching for new ways for artificial intelligence implementation for decision support systems modelling centre.</p> <p style="text-align: center;"><b>Projects</b></p> <ul style="list-style-type: none"> <li>• Expert systems for dispatcher express analysis of faults in substations</li> <li>• Application for expert system knowledge database management</li> </ul> <p style="text-align: center;"><b>Results</b></p> <ul style="list-style-type: none"> <li>• Expert system for the dispatcher express analysis is installed for industrial using on substation "Chagino 500kV"</li> <li>• Acquisition of patent "Automated analysis of faults in Unified National Power Grid substations" (№2011619166)</li> </ul>	<p><b>Technology</b></p> <ul style="list-style-type: none"> <li>• Windows Forms</li> <li>• BCL, FCL</li> <li>• MySQL</li> </ul>

### Basic education

2009 - 2014	Research and Development Centre of Federal Grid Company of the United Energy System <a href="http://www.ntc-power.ru">www.ntc-power.ru</a>	Postgraduate studies (artificial intelligence in power engineering)
2003 - 2009	Moscow Power Engineering Institute (Technical University) <a href="http://www.mpei.ru">www.mpei.ru</a>	Master of science in Electrical System and Networks

### Additional training and courses

2017 - 2018	Online technology school Treehouse <a href="http://www.teamtreehouse.com">www.teamtreehouse.com</a>	<ul style="list-style-type: none"> <li>Front End Web Development Track</li> <li>Full Stack JavaScript Track</li> </ul>
2015	Computer Training Center «Specialist» at Bauman MSTU <a href="http://www.specialist.ru">www.specialist.ru</a>	<ul style="list-style-type: none"> <li>Programming in C# (Microsoft Official Course 20483)</li> <li>Developing ASP.NET MVC Web Applications (Microsoft Official Course 20486)</li> <li>Developing Windows Azure And Web Services (Microsoft Official Course 20487)</li> </ul>
2007	Moscow Power Engineering Institute (Technical University) <a href="http://www.mpei.ru">www.mpei.ru</a>	<ul style="list-style-type: none"> <li>Bachelor of science in Translation and Interpreting Studies (English)</li> </ul>

### Software development skills

<b>Programming languages</b> <ul style="list-style-type: none"> <li>C#</li> <li>VB.NET</li> <li>T-SQL</li> <li>HTML</li> <li>CSS</li> <li>JavaScript</li> </ul>	<b>Tools &amp; Technology</b> <ul style="list-style-type: none"> <li>ORM: Linq2DB, EntityFramework 6</li> <li>Design patterns</li> </ul> <b>Control version systems</b> <ul style="list-style-type: none"> <li>TFS</li> <li>Git</li> </ul>	<b>Frameworks and libraries</b> <ul style="list-style-type: none"> <li>Node JS</li> <li>jQuery</li> <li>Bootstrap</li> <li>NPOI</li> <li>Quartz</li> </ul>
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### Language skills

Russian	Native speaker C2
English	Advanced C1 2017 Cambridge CAE (174 of 210)
Danish	Elementary A1

### Personal interests and hobbies

My hobbies are reading, music and photography. Lifelong education addiction and ideas for self development motivate me a lot. I like to make photographs of people and nature, because it is a possibility for catching awesome life moments. I play guitar, recorder, and several other instruments. Music makes me feel happy and gives me a sense of harmony that is very important nor in private family life nor in work.

### Achievements and publications

2015	Acquisition of patent "Automated analysis of faults in Unified National Power Grid substations" (Nº2011619166)
2017	Certificate of Cambridge CAE (174 of 210)