

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.

✉ anton.miroshkin@gmail.com

☎ +7 916 163 18 67

🌐 anton.miroshkin

🌐 www.linkedin.com/in/miroshkin-anton-cv/

🌐 www.teamtreehouse.com/antonmiroshkin

Work experience

<p>Sep 2016 - Ongoing</p> <p>Software engineer .NET</p> <p>Emex Group www.emex.ru</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>Projects</p> <ul style="list-style-type: none">• Warehouse management system - full stack development• Account department application – billing and payments• Document service – reports generation, printing and sending• Customer service – registration data processing• Job service – scheduled operations execution <p>Results</p> <ul style="list-style-type: none">• Developed optimized report set that allows to save up to 25% paper (quarter amount of reports is about 350000 sheets)• Developed multithreaded app for delivery management system that allowed to process order confirmation 10 times faster• Developed windows form with ability for large excel files creation (500000 - 750000 rows)	<p>Technology</p> <ul style="list-style-type: none">• WPF• WCF• Windows forms• T-SQL• Entity framework• Unity• ASP.NET MVC• JavaScript• jQuery• Bootstrap
<p>Sep 2014 - Sep 2016</p> <p>Software engineer C#</p> <p>JSC "Russian Railways" www.rzd.ru</p>	<p>My responsibilities in chief designer department were support and development of SCADA system modules and electronic documentation web application.</p> <p>Projects</p> <ul style="list-style-type: none">• Electronic technical documentation web application• Industrial protocol (IEC 60870-5-104) data transfer module for SCADA "Contact"(standard investigation, architecture design, coding, testing, writing manuals for developers)	<p>Technology</p> <ul style="list-style-type: none">• ASP.NET WebForms• Windows Forms• Reporting• T-SQL• Linq2SQL
<p>Sep 2009 - Sep 2014</p> <p>Scientist/Software engineer</p> <p>JSC "Research and Development Centre of Federal Grid Company of the United Energy System" www.ntc-power.ru</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>Projects</p> <ul style="list-style-type: none">• Expert systems for dispatcher express analysis of faults in substations• Application for expert system knowledge database management <p>Results</p> <ul style="list-style-type: none">• Expert system for the dispatcher express analysis is installed for industrial using on substation "Chagino 500kV"• Acquisition of patent "Automated analysis of faults in Unified National Power Grid substations" (№2011619166)	<p>Technology</p> <ul style="list-style-type: none">• Windows Forms• BCL, FCL• MySQL

Basic education

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

Additional training and courses

2017 - 2018	Online technology school Treehouse www.teamtreehouse.com	<ul style="list-style-type: none"> Front End Web Development Track Full Stack JavaScript Track
2015	Computer Training Center «Specialist» at Bauman MSTU www.specialist.ru	<ul style="list-style-type: none"> Programming in C# (Microsoft Official Course 20483) Developing ASP.NET MVC Web Applications (Microsoft Official Course 20486) Developing Windows Azure And Web Services (Microsoft Official Course 20487)
2003 - 2007	Moscow Power Engineering Institute (Technical University) www.mpei.ru	<ul style="list-style-type: none"> Bachelor of science in Translation and Interpreting Studies (English)

Software development skills

Programming languages <ul style="list-style-type: none"> C# VB.NET T-SQL HTML CSS JavaScript 	Tools & Technology <ul style="list-style-type: none"> WPF, Windows Forms ASP.NET MVC, Web Forms ORM: Linq2DB, Linq2SQL Entity Framework Design patterns Control version systems <ul style="list-style-type: none"> TFS Git 	Frameworks and libraries <ul style="list-style-type: none"> Node JS jQuery Bootstrap NPOI Quartz
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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)