

# Sergey Daniloff

I am considering full-stack web developer or technical lead roles.

I am open for remote opportunities or 1-2 office days per week in Dublin.

Phone:  
**+353834534236**  
E-mail:  
**pencroff@gmail.com**  
Skype:  
**daniloff.sergey**

## PERSONAL SUMMARY

Hi. My name is Sergey Daniloff. I am a responsible and result-driven full-stack web-developer. I always educate myself in using simple and elegant solutions for difficult tasks. I have a deep knowledge with JavaScript (Node.js as well), .NET, Software architecture and OOP concepts. Also I am proficient in Python, Database development and analysis of time requirements for new tasks. I use latest trends in web development like ES6 / TypeScript. For different requirements I am using different approaches like components on client and n-tier on server side. I could convert product manager's stories to development steps and simple tasks with story points. Always eager to improve and learn more, using all my maturity and engineering experience to surpass all problems. Currently I am very interested in improving my experience in Machine Learning area. You can find example of my work at my [GitHub profile](#).

## WORK EXPERIENCE

BIONIC  
2017, March – 2017,  
May

**Project Description:** Optimization expenses for ads.

**Achievements:** Compatibility with Nashorn (Java 8 JS engine) and Node.js for soft migration to microservice architecture. Data processing performance was improved 3 – 5 times. Started preparation for asynchronous processing with RabbitMQ and cloud environment in Docker.

**Job Responsibilities:** Collecting data from API, processing it and save results back.

**Technologies Used:** Node.js, Typescript, Vagrant, Docker.

BIONIC  
2016, February – 2017,  
February

**Position:** Technical Team Lead

**Project Description:** Online service for management advertisement on Facebook

**Achievements:** My main responsibility is making existing application much stable for maintaining and new feature development. During first 3 - 4 month application structure was changed from monolithic approach to component approach. Was provided automation for building two parts of app (origin - ES5 and modular - ES6) and delivering them as single application. After providing modular structure development flow was changed from developer per feature to feature for team. Joining new members to development was significantly improved from 1-2 months to 1-2 days. Feature development was done as an injection to origin application with possibility turn it on for production environment just after finishing development and testing. I started a successful practice of Internal Hackathon days with a purpose to resolve complex UX problems and generating fresh ideas by all members of the team.

**Job Responsibilities:**

- Analysis and planning features
- Development wireframes for future features
- Providing tickets for team (5 developers)
- Development application
- Team driving and coder review flow
- Hiring new developers

**Technologies Used:** Node.js, Angular, JS-Data, BEM, ES6, Gulp, Webpack, data-adapter for Facebook API.

BIONIC  
2016, August – 2016,  
November

**Project Description:** Prediction Creatives clicks and calculating CTR.

**Achievements:** Around 90% success predictions on test data set.

**Job Responsibilities:** Collection raw data from FB and internal stats. Cleaning and transformation data for ML algorithms. Data analysis and researching data meaning. Building models and analysis results on test data.

**Technologies Used:** Python, Pundas, scikit-learn, MySQL.

Fleetmatics 2015, May – 2016, February	<p><b>Position:</b> Lead Web developer (main site)</p> <p><b>Project Description:</b> Fleetmatics WORK – refreshment UI with Angular</p> <p><b>Job Responsibilities:</b> Design and development component based Angular application, code review, analyzing legacy code for implementation in new approach. Introduction and providing client-side tests. Provided automation based on gulp. I have provided main approaches app application structure. Form validation based on angular-validator and adopted for any BEM component.</p> <p><b>Technologies Used:</b> Angular, JS-Data, BEM, ES6, Gulp, JSPM, Web Api, .NET 4.0, Node.js, MS SQL.</p>
Fleetmatics 2014, November – 2016, February	<p><b>Position:</b> Web developer (hybrid application)</p> <p><b>Project Description:</b> Field service management in the palm of your hand. A key component of the complete Fleetmatics WORK solution.</p> <p><b>Job Responsibilities:</b> Development new features and fixing existing issues. Improving code quality (dividing entities responsibilities, using TDD). Code review and supporting external team.</p> <p><b>Achievements:</b> Increased performance and responsiveness a few pages more than 2 times. Increased code quality for new functionality (was used platform independent approach).</p> <p><b>Technologies Used:</b> Sencha Touch 2.4, WCF, PhoneGap / Cordova, Web API, .NET 4.0, MS SQL.</p>
Fleetmatics 2014, February – 2015, May	<p><b>Position:</b> Web developer (main site)</p> <p><b>Project Description:</b> Fleetmatics WORK is a field management service.</p> <p><b>Job Responsibilities:</b> Design and development new features, code review, support legacy code. Introduction and providing client-side tests. I have taken part in increasing platform stability. Development proof of concept for angular app.</p> <p><b>Technologies Used:</b> Sencha ExtJs 3 / 5, .NET 4.0, Asp.NET, WCF, MS SQL.</p>
M. C. Dean 2012, November – 2013, December	<p><b>Position:</b> Web developer</p> <p><b>Project Description:</b> Development single page enterprise application for storage, manage and analyzing financial information. Application has 3 tiers on server side and implementation MVC pattern on client side</p> <p><b>Job Responsibilities:</b> Design and development of all functionality</p> <p><b>Technologies Used:</b> Sencha ExtJs 4.1, .NET 4.0, ASP.NET MVC 4 (Web API and classic controllers), EF 4/5 + Dapper.NET, MS SQL</p>
GNC Int. 2011, October – 2012, November	<p><b>Position:</b> Web developer</p> <p><b>Project Description:</b> Development Web-portal for play online HTML5 games, download music, store client information</p> <p><b>Job Responsibilities:</b> Design and development of client side pages and management clients profiles in admin side</p> <p><b>Technologies Used:</b> jQuery, jQueryUI, Cocos2d-HTML5 JavaScript framework, .NET 4.0, ASP.NET MVC 3, WCF, EF 4, MS SQL</p>
RAF+ 2009, August – 2011, October	<p><b>Position:</b> Software developer (C#)</p> <p><b>Project Description:</b> Development client software for view and analysis of GPS tracking data from trucks, reports, data exchange between 1C: Enterprise and tracking software.</p> <p><b>Job Responsibilities:</b> Design and development of client side functionality in GPS tracking software, design and development of all functionality in enterprise accounting system</p>
«IGRA» LTD 2005, June – 2009, August	<p><b>Position:</b> Embedded developer (C / C++)</p> <p><b>Project Description:</b> Development embedded systems, gamble machines.</p> <p><b>Job Responsibilities:</b> Design and development hardware and software for microcontroller.</p>
KEY SKILLS AND COMPETENCIES	<ul style="list-style-type: none"> <li>• Client side: <ul style="list-style-type: none"> <li>○ JavaScript (ES5 / ES6 / TypeScript)</li> <li>○ Angular 1.x (with migration to 2.0)</li> <li>○ Sencha ExtJs 3 - 5</li> <li>○ HTML / CSS, LESS, SASS</li> <li>○ BEM</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>o Automation based on gulp, webpack</li> <li>• Server side: <ul style="list-style-type: none"> <li>o Node.js</li> <li>o .Net Framework 4.0, C#</li> <li>o ASP.NET MVC 3 / 4</li> <li>o Web API</li> <li>o LINQ</li> <li>o WCF</li> <li>o Entity Framework 4 / 5</li> <li>o Dapper.NET</li> </ul> </li> <li>• Database: <ul style="list-style-type: none"> <li>o MS SQL</li> <li>o Scripting: SQL, Stored Procedures, Stored Functions;</li> </ul> </li> <li>• API: Google Maps, Facebook API</li> <li>• Unit testing: Chai, Mocha, Karma, Jasmine , NUnit, Moq</li> <li>• IoC: SimpleInjector, Ninject;</li> <li>• Version controls: GIT, TFS, SVN;</li> <li>• Software design (requirements analysis, N-tier architecture, selecting frameworks), software development and software debugging</li> </ul>	
MINI PROJECTS	<p>Deep learning course – <a href="#">udacity (code)</a></p> <p>Experiments with <a href="#">MicroJS</a> libs – measuring performance JS constructions (<a href="#">code</a>, <a href="#">demo</a>)</p> <p>Server side implementation for Angular Build Up – MEAN stack (<a href="#">code</a>)</p> <p>Experiments with D3.js (<a href="#">code</a>, <a href="#">demo</a>)</p> <p>Adapter based message bus (<a href="#">code</a>)</p> <p>ToDo Angular 2.0 app (<a href="#">code</a>, <a href="#">demo</a>)</p> <p>Waterline (an adapter-based ORM for Node.js) as the plugin for Hapi.js (<a href="#">code</a>, <a href="#">npm</a>)</p> <p>Kea Config: Configuration Manager for node.js (<a href="#">code</a>, <a href="#">npm</a>)</p> <p>Prototype inheritance implementation Moajs (<a href="#">code</a>)</p> <p>Google Maps Application (<a href="#">code</a>, <a href="#">demo</a>)</p> <p>Data access layer with Dapper «Dapper-DAL» (<a href="#">code</a>)</p> <p>ASP.NET MVC Blog Engine «Kea Blog» (<a href="#">code</a>, <a href="#">demo</a>)</p> <p>Single page application «Text Shadow» (<a href="#">code</a>, <a href="#">demo</a>)</p>	
SPEECHES	<p>Data tier in JS app (<a href="#">link</a>)</p> <p>Angular 2.0 - first look (<a href="#">link</a>)</p> <p>Kea Config: Configuration Manager for node.js (<a href="#">link</a>)</p> <p>Dive into ExtJS5 (<a href="#">link</a>)</p> <p>Dive into Sencha ExtJS (<a href="#">link</a>)</p>	
VOLUNTEERING	<p>Mentor on Angular Build Up (<a href="#">link</a>)</p> <p>Contributing to js-data (<a href="#">link</a>)</p>	
ACADEMIC QUALIFICATIONS	<p>Odessa State Polytechnic University</p> <p>Bachelor's / Specialist degree, Development embedded systems 2000 – 2004</p>	
LANGUAGES KNOWN	<p>English (intermediate), Ukrainian (native), Russian (native)</p>	
PERSONAL SKILLS	<ul style="list-style-type: none"> <li>▪ Responsible</li> <li>▪ Executive</li> <li>▪ Self-educated</li> <li>▪ Attentive to details</li> </ul>	<ul style="list-style-type: none"> <li>▪ Goals oriented</li> <li>▪ Communicative</li> <li>▪ Good analytical skills</li> <li>▪ Team player</li> </ul>
RECOMMENDATIONS	<p>Upon request</p>	
PERSONAL DETAILS	<p>Dublin, Ireland</p> <p>Phone: +353834534236</p> <p>E-mail: <a href="mailto:pencroff@gmail.com">pencroff@gmail.com</a></p> <p>Skype: <a href="https://www.skype.com/en/contacts/skype/daniloff-sergey">daniloff.sergey</a></p> <p>Site: <a href="http://pencroff.com">pencroff.com</a></p>	<ul style="list-style-type: none"> <li>o <a href="#">LinkedIn</a></li> <li>o <a href="#">GitHub</a></li> <li>o <a href="#">Stackoverflow</a></li> </ul>