



## Philipp Munin,

Full stack engineer & technical lead, New York

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### Summary

Certified software engineer with 15+ years of experience of software & web development. Strong analytical, problem solving skills, work in large corporate as well as start-up environments, wearing many hats, including project manager, business analyst, system architect, tech lead. Thorough understanding of technologies, data structures & algorithms, and development lifecycle. Ready to be deployed in a senior capacity as a developer or a team leader.

### Key skills

**Javascript:** es6, react, d3, typescript, angular, knockout, redux, nodejs, html5, css3, bootstrap, JQuery, babel, webpack...

**.NET (web & desktop) :** Asp.net mvc 5, .net 4.6, .net core, C# 7.0, linq, Ms SQL, xml, xaml, multi threading, COM, Excel add-ons, Wpf, WinForm, Silverlight, RIA, Windows Azure, WCF web services, Sharepoint, DevExpress, Infragistics, Telerik

**Databases:** Ms SQL/T-SQL, SSRS, Firebase cloud realtime db, Ms Access, ADO.Net Entity Framework, linq2sql

**General :** Algorithms & data structures, design patterns, MVC(-VP, -VVM), Flux, OOP, rest api, SOAP, ...

**Methodologies & tools:** Agile, Scrum, Team Foundation Server (visual studio online), Git, SVN, Jira, Ms Project, Project Server, Visual Studio 2017, vscode, Teamcity

### Relevant experience

#### Sr. Software Engineer @ Millennium Management

Aug 2018 - Today

- Developing internal financing platform for the hedge fund's middle office and treasury, which calculates internal charges and does reconciliation with external charges of primary brokers provided in statements harvested by the system
- Gathering requirements from business
- System design, development of core components, fixing bugs
- Managing offshore team of developers
- Improving team processes of collaboration & workflow, CI, documentation, ...

**Tools:** C# .Net Core 2.1, Sql server, Asp.Net Core, Javascript, Entity Framework Core, Github, Jira, ...

#### Founder @ Retrolator

Jan 2017- Aug 2018

- Developing web app for project planning and optimization, concept development, marketing
- System design, core development, algorithms implementation
- Managing team of freelancers

**Tools:** ReactJs, D3js, ES6, Typescript, Babel, Firebase, bootstrap, goldenlayout, lodash, webPack, mocha, jest, .NET core, algorithms (graph/optimization/scheduling), Ms Project, Jira, ...

#### Sr. Developer, Project Lead @ Fortress Investment Group, NY

Aug 2013 - Jun 2017

- Reimplementation (system design, development) of the credit asset management system on HTML5+Angular (migrating it from Silverlight)
- Communicating with business owners and users, managing requirements, project planning
- Design and implementation of critical component, e.g. security authorization component, custom CMS view engine, ...
- Design and implementation of Excel add-in for synchronizing spreadsheets with Web Api of the application
- Managing offshore and onshore team of developers, testers and business analysts, conducting scrum meetings, code reviews, technical interviewing candidates

**Tools:** C# 7.0, ASP.NET MVC 5.0, Silverlight/XAML, XML, WCF, WPF, IIS7.5, VS2017, HTML, CSS, Javascript, JQuery, KnockoutJS, AngularJs, EF, Sharepoint, MsSQL, MySql, SSRS (Reporting), SSAS/OLAP, SSIS (ETL), Jira, SVN, TFS, TeamCity, Excel, ExcelDna, PowerQuery, PowerPivot, DevExpress, Telerik, Ms Project

**Sr. Engineer @ Microsoft, Redmond, WA****Jan 2012 - Jun 2013**

- System design and implementation of workflow web application for managing marketing offers/subscriptions/price plans/... for Commerce division of Office365
- Implementing Assistance panel for Office365 admin web app
- Integrating of office365 admin with community.office365.com, integrating BingAPI
- Managing collaboration of team of developers
- Designing UI and Implementing survey authoring tool (WPF) as a part of best practice assessment system of clients infrastructure

**Tools:** ASP.NET MVC 4.0, SQL, XML, WCF, IIS7.5, VS2012, HTML, CSS, Javascript, JQuery, KnockoutJS, Entity Framework, Windows Azure, BingApi, Sharepoint Server 2010, C# .NET 4.0, WPF, Expression Blend, SketchFlow, TFS, Visual Studio Online

**Sr. Developer/Team Lead @ Bell Canada (via Venuiti Solutions)****Oct 2010 - Oct 2011**

- Design&development of a several projects of bell.ca website
- Analyzing requirements, technical design and development areas of mybell.bell.ca
- Implementing extensions and customizing Team Foundation Server for deployment of Web applications, development process, work item types, workflows, deployments etc..
- Implementing MOSS 2007 features and solutions for bell.ca support portal
- Managing onsite and offshore developers, interviewing candidates, system analysis, writing technical documentation, code review

**Tools:** C# .NET 4.0, LINQ, WCF, Web Services, XML, ASP.NET MVC3, html, css, javascript, jquery, ajax, IIS 7.5, WebDeploy, Url Rewrite, TFS 2010 (workflow, build definitions, SDK), Sharepoint 2007,2010, MsSQL 2008, Ms. Enterprise Library 5, Distributed Cache (SSOS), Ms. Project, Win Server 2008, Hyper-V

**Sr. Software Engineer @ Venuiti Solutions, Toronto, Ontario, Canada****Jul 2010 - Oct 2010**

- 3 month engagement for the development of an equipment fault management system
- Design and development of dedicated client-server component for universal data filtering, based on LINQ
- Development client-side, server-side, data-management services (including data model, sql-stored procedures) and web services

**Tools:** C# .NET 4.0, Silverlight 4.0, WCF, RIA, ASP.NET, LINQ, ADO.NET Entity Framework 4, Ms SQL (T-SQL), Reporting Services, MEF, MVVM pattern, TFS 2010, Telerik

**Sr. Developer @ Aerogeology, Moscow, Russia****Apr 2009 - Apr 2010**

- Development and support of enterprise database system in the department of Finance and Economics for the Federal Natural Resources Agency
- Developing workflow subsystem with complicated User Interface using WPF, Silverlight, WCF, web services,...
- Designing system architecture, writing technical requirements and specifications
- Implementation by designed specification, fixing bugs, writing stored T-SQL procedures designing
- Database, code refactoring (C#, T-SQL, VBA), developing report modules

**Tools:** C# .NET 3.5, SilverLight 3, WPF, WCF, WebServices, XML, ASP.NET, MS SQL Server, ClickOnce, TFS (+sdk), DevExpress

**Sharepoint and Project Server Administrator (Part time) @ Old town, Moscow, Russia****Mar 2009 - Jan 2010**

- Project Server and Sharepoint Server 2007 implementation. Customizing and system administrating for business needs, technical support.
- implementing company information board, contracts management, helpdesk website and so on...
- training end-users

**Tools:** MOSS 2007, Project Server 2007, Ms Virtual Server, Win2k3 + SMTP

**Sr. Developer, Project Manager @ Synergetics Systems Ltd., Moscow, Russia** **Aug 2006 - Nov 2008**

- Component-based development of products related to document processing, indexing and archiving
- Technical architecture and UI Design
- Finding, interviewing IT specialists, managing team co-operations
- System administration, based on virtual servers: W2k3 Domain Controller, SharePoint, Project Server 2007, Team Foundation Server 2005, StarTeam, ...
- Training, contacting to end-users, approving business requirements, participating in exhibitions
- Researching, integrating 3rd party components, managing relationships with partners
- Implementing intranet web portal based on Sharepoint Portal 2007
- Project management, requirement management, task management, follow-up activities.
- Implementing Ms Project Server
- Developing enterprise IT-infrastructure, standards, training colleges

**Tools:** C# .NET 3.5, VS2008, Ms SQL Server 2005, Oracle 9, DevExpress, FlowCharts, TFS 2008, StarTeam, Project Server 2007, Sharepoint 2007, W2k3+AD+VPN, Windows Imaging API

**.NET Developer @ Tradesoft Ltd.** **Feb 2006 - Jul 2006**

- team development of an enterprise system
- design and development of GUI, components
- analysis of system requirements, designing system architecture and database

**Tools:** C# .NET 2.0, Ms SQL 2005, DevExpress, ORM: XPO, Stimul Reports, StarTeam

**Junior Developer @ CBOSS Inc.** **May 2004 - Oct 2004**

- team development of flexible reporting system
- implementing composite-approach for GUI
- Improving UI using components and controls (like DevExpress, SuiPack,...)

**Tools:** CVS, Borland StarTeam, XML, Visual C++, Oracle, Delphi, C++ Builder

**Junior developer (part-time) @ Tradesoft Ltd.** **Feb 2003 - May 2004**

- lowlevel debugging and patching 3rd software and database using SoftIce
- implementing software protection system
- Developing shareware product «Autoresource» (Desktop, DCOM Server)
- Developing flexible multi-format price-viewer

**Tools:** ADO, ODBC, MIDAS, COM, IDA, SoftIce, VBA, VC++, C++ Builder, Delphi

## Education

MSc, Computer science, Vyatka State University, Russia	2006
BSc, Enterprise Economics and Management, Vyatka State University, Russia	2007

## Certificates

TS: Microsoft SharePoint 2010, Application Development (Ms70-573)	2011
MCPD: .NET Enterprise Application Development (Ms70-549)	2011
MCP: .NET Distributed Application Development (Ms70-529)	2010
MCP: .NET Web Based Client Development (Ms70-528)	2009
MCP: .NET Windows Based Client Development (Ms70-526)	2009
MCP: .NET App. Development Foundation (Ms70-536)	2009

## Courses

Analyzing requirements and defining Microsoft.NET solution architectures (Course Ms2710, Exam Ms70-300)	2008
Enterprise project management using PMI & Microsoft Project	2008
Microsoft Solutions Framework Essentials» (Course Ms1846A)	2008
Software development entrepreneurship programme «StartInGarage»	2007