Personal profile

Technical project manager
Solution architect | Senior Developer

Experienced freelance solution architect and senior developer, with technical project manager and senior consultant background. My freelance hour rate is the same as the cost price to employee me, but I only take on projects were I think I can make a real difference.

My primary focus is product and user interface development, but I also have good experience with technical project management to improve team efficiency (SCRUM). My primary programming skills include C#, Java, PHP, AngularJS, jQuery, JavaScript and CSS, but I have programmed more than 18 programming, script and database languages the last 32 years.

I have specialist knowledge from market leading CMS and DMS systems like Sitecore and Documentum. I know the Danish law regarding record management, from working as product manager in Software Innovation DK.

Currently I am working on a non profit project for making virtual worlds available to primary and secondary schools in international school projects.

I have experience with large requirement specifications from working as a product manager in Software Innovation during the largest IT contact in the history of Denmark (FESD) , where delivering record and document management (ESDH) to the entire public sector in Denmark was the goal. My specialist knowledge in user interface design for web applications, comes from 10 years of workflow analysis and product development.

Customer references include both private and public sector like: Danish Parliament, Foreign Ministry, Ministry of Employment, Danfoss, Mærsk, Nordea, Borealis, Oticon, SAS, Danish Defense, Danish National Police, SKAT, National Directorate of Labour, Ministry of Science, Technology and Innovation, Copenhagen Business School, Scanmaps, Account Data.

Nikolaj has worked many years with confidential information and has been security cleared by both Danish Police Intelligence Service and the Danish Defense Intelligence Service.

Nikolaj Lisberg Hansen

Personal information: Born 1973 and started programming early in 1984. Got first programming job in 1995 and started working as freelance solution architect and technical project manager in 2006. Practices the martial art Tai Chi Chuan, loves Jazz music and spending time with my family.

Languages: Very good Danish, English and German.
My French is not good enougth to use at a professional level.

Contact information and availability

Name:	Nikolaj Lisberg Hansen	**Available from:**	1. July 2017
Address:	Valdemarsgade 41, st. tv.	**Available time:**	30 hours or 4 days a week
		Hour rates:	$110 (~ 740 DKK) for part time or remote senior developer,
Zip:	DK1665		$125 (~ 840 DKK) for part time or
			$140 (~ 940 DKK) for full time on site technical project manager or solution architect
Country:	Denmark		
		Location:	Remote or Copenhagen area and Malmø.
Mobile:	+45 22 90 91 22		
E-Mail:	nlh@olio.dk	**Other projects:**	http://oligo.academy

Skills

Category	Subject	Years	Last used	Skill level	Primary skill
Generalist skills					
Work area	Technical project management	15	2016	Very skilled	✓
Work area	Requirement specification	15	2016	Very skilled	✓
Work area	Programming since age 11	21	2016	Expert	✓
Platform	OpenSimulator (C# development)	2	2016	Skilled	✓
Development tools	Blender / Blend4Web automation	2	2016	Skilled	
Work area	Online education platforms	2	2016	Skilled	
Enterprise search skills					
Work area	Solr, Google Search Appliance (GSA)	1	2015	Skilled	✓
Development tools	NetBeans Java IDE	1	2015	Skilled	
Development tools	Spring	1	2015	Skilled	
Development tools	Maven	1	2015	Skilled	
Languages	AngularJS	2	2016	Skilled	✓
Languages	jQuery	5	2015	Skilled	
Web content management skills					
Work area	Sitecore 7	5	2014	Very skilled	✓
Work area	Web development	15	2016	Expert	
Languages	C#	12	2016	Very skilled	
Development tools	Microsoft Visual Studio .NET	12	2016	Very skilled	
Product development skills					
Work area	Record and Document management	14	2014	Expert	✓
Languages	PHP 5	8	2014	Expert	
Development tools	Eclipse PHP and Java IDE	8	2014	Very skilled	
Database	MySQL	12	2016	Very skilled	
Other skills					
Work area	Web usability	10	2011	Very skilled	✓
Work area	Work flow and document management	6	2011	Skilled	
Database	Microsoft SQL Server	11	2014	Skilled	
Database	Oracle	8	2009	Very skilled	
Business applications	Documentum	2	2002	Skilled	
Platform	Linux/UNIX	6	2016	Skilled	
Platform	Tomcat	6	2015	Skilled	
Languages	Java (J2SE)	9	2010	Skilled	
Languages	JavaScript	15	2016	Expert	

Project experience

Customer:	Olio ApS – Oligo Academy
Period:	2014/03 –
Description:	Working on developing the Oligo Academy concept for public schools to engage with each other in an open network sociaty for education in virtual worlds.
Used skills:	OpenSimulator, C#, LSL, MySQL, Blender, Blend4Web (presenting 3D models in browser online), NetBeans, Java, AngularJS, Javascript, HTML5, CSS3. Mumble, NodeJS, WebGL and ThreeJS for 3D visualisation.
My role:	Founder, solution architect and technical project manager.

Customer:	Visma Consulting
Period:	2016/01 –
Description:	Technical project manager for Player Account Management system and Single Sign On system integration.
Used skills:	People management, SCRUM, architecture discussions and requirement specification. Project management of distributed teams from different vendors in many different countries and company cultures.
My role:	Technical project manager, but with some solution architect and senior developer tasks as backup for other people.

Customer:	Twins Consulting
Period:	2015/11 – 2015/12
Description:	Short term senior frontend developer tasks for two large public sector customers in Denmark, implementing usability and design in self service solution and developing advanced UI components for map integration and forms with advanced conditional filters.
Technologies:	AngularJS, Bootstrap (Sass), HTML5, CSS3, Gulp, C#, ASP.NET, MVC, Razor, SharePoint, OpenLayers.
My role:	Senior frontend developer

Customer:	Findwise
Period:	2014/11 – 2015/08
Description:	Working with large Danish private and public sector customers to improve their Enterprise Search strategy for both internal and public content.
Technologies:	Solr, Google Search Appliance (GSA), Findwise i3, MongoDB, Java, Maven, AngularJS, jQuery, Javascript and CSS.
My role:	Technical project manager and senior consultant

Customer:	Addition
Period:	2012/03 – 2014/03
Description:	Working with key accounts like The Danish Paliament (Folketinget), the Foreign Ministry (Udenrigsministeriet), the Ministry of Employment (Beskæftigelsesministeriet).
Technologies:	Sitecore, C#, MS SQL server.
My role:	Sitecore solution architect and technical project manager.

Customer:	**Secretary of Energy Effective Buildings under the Danish Energy Agency.**
Period:	2010/12 - 2011/03
Description:	Implement Portfolio 1.3 as course administrations system for energy label consultants at the Secretary of Energy Effective Buildings under the Danish Energy Agency. Integration to WinFinans accounting system for company information and invoice generation.
Technologies:	HTML, CSS, PHP, MySQL.
My role:	Web developer

Customer:	**EK-Pro ApS**
Period:	2010/08 - 2011/10
Description:	Development .NET based energy label calculation system for the Danish Energy Agency.
Technologies:	HTML, CSS, VB.NET, SQL Server 2008
My role:	Product manager and senior developer

Customer:	**Olio ApS**
Period:	2010/04 - 2010/08
Description:	Portfolio 1.3 product development of course administration and education management system based on record and document management. Development of automatic course enrollment, Windows 7 and Office 2010 support.
Technologies:	Portfolio, PHP 5, MySQL 5, Java SE 1.6, XML
My role:	Solution architect and senior PHP developer

Customer:	**DRUID**
Period:	2009/12 - 2010/02
Description:	Development of new design in HTML, CSS for PHP backend. User interface design for conference web application with integration to payment solution.
Technologies:	HTML, CSS and PHP
My role:	Web developer

Customer:	**Addition**
Period:	2009/08 - 2010/03
Description:	Sitecore business developer and architect at Addition for customers like Ministry of Employment, IT University and others.
Technologies:	Sitecore CMS 6, .NET, MS SQL server, Windows 2008, Ankiro. Mail monitor
My role:	Solution architect

Customer:	**Olio Aps**
Period:	2008/08 - 2009/03
Description:	Portfolio 1.2 product development of course administration and education management system based on record and document management. Education management tools based on record and document management to support the needs of Copenhagen Business School (CBS). Implement online evaluation and process automation for Academic Professional Development Program (PhD courses at CBS). Develop plugin architecture (XML merger).
Technologies:	Portfolio, PHP 5, MySQL 5, Java SE 1.6, XML
My role:	Solution architect and PHP developer

Customer:	Scanjour
Period:	2008/08 - 2008/12
Description:	Development of Captia 4 customer specific solution
Technologies:	XML, XSL, JavaScript, Oracle PL/SQL, .NET web technology, C#
My role:	Web and database developer

Customer:	GORM LARSEN & PARTNERS
Period:	2007/09 - 2008/08
Description:	Start web development unit and new business area for digital media
Technologies:	Requirement specification, sales, building infrastructure, tools and work processes. Implementing Visual Studio, Subversion, PHP5, MySQL 5, VMWare tools.
My role:	Web solution architect and developer of Sitecore and PHP CMS based websites

Customer:	Copenhagen Business School Learning Lab
Period:	2007/02 - 2007/08
Description:	Product development based on work flow analysis of course course administration. Develop course administration tool based on PHP5, MySQL 5 and Windows 2003 Platform. Implementation of security for confidential personal information as required by Danish law. MicroSoft Word and Outlook integration and automation. Java Applet development for integration with MicroSoft Office.
Technologies:	PHP5, MySQL 5, Java SE, VBA
My role:	Web solution architect and developer. Work flow analysis and project management

Customer:	Scanmaps
Period:	2006/08 - 2007/01
Description:	Automation of business critical processes in Abode Illustrator with Adobe JavaScript. Integration to GIS systems from the Danish Ministry of the Environments using Web Map Services (WMS) in PHP. Development of Java applet for web shop. Requirement specification of security solution for distribution of digital maps.
Technologies:	PHP, Java, JavaScript, Adobe Illustrator
My role:	Solution architect and developer

Customer:	Scanmaps
Period:	2006/04 - 2006/07
Description:	Java and PHP developer. Developing web shop in PHP, based on data from Navision and a MySQL database. Graphical image manipulation in Adobe Photoshop
Technologies:	PHP, Java, JavaScript, FreeBSD
My role	PHP and Java developer.

Customer:	Scanjour A/S
Period:	2004/05 - 2006/04
Project :	Web and database developer in Scanjours R&D working mostly with web based user interfaces for the product Captia.
	Developing OpenOffice integration to Scanjour Captia.
	Oracle PL/SQL development of access control and security features.
	SKAT: Optimization of Oracle SQL requests.
	Developing integration to PDF based NetBlanket forms solution.
	Developing installation and automation tools for software production.
	Member of the architecture team working with FESD standards.
Technologies:	JavaScript, HTML, CSS, XML, XSLT, C# and Oracle PL/SQL
My role:	Web and database developer

Customer:	Software Innovation A/S
Period:	2003/05 - 2004/04
Description:	Product manager responsible for making growBusiness ready for the Danish market. growBusiness is a business platform for record and document management, CRM system, portal solution, work flow module and project management tool.
	Requirement specification and negotiation in relation to the FESD project, which was the largest IT contract in the history of Denmark.
	System architect and developer of render server for growBusiness in C# based on web service interface to Neevia Document Converter and Abbyy Fine Reader (OCR). The render server and convert any document format to PDF, TIF and text.
Technologies:	C#, XML, XSLT, HTML, JavaScript
My role:	Product manager and system architect and lead developer

Customer:	Software Innovation DocuLive A/S
Period:	2002/06 - 2003/04
Description:	Program development and integration of DocuLive in QBE-Vision, Visual Basic and VBA. Developing integration to other systems in Java and stored procedures.
	Development of Oracle to MS SQL server incremental replication based on business rules in Java. Filtering and support for document publising on FTP site or to database. Web based administrator interface in JSP based on Apache TomCat.
	Developing DocuLive integration to Navision with Oracle Java stored procedures talking to MS SQL server database via Oracle Heterogenius Services.
	Developing DocuLive full text search integration to OracleText. Wrapping OracleText to secure processing and error handling to gain better quality of service.
Technologies:	Java, DocuLive, QBE-Vision, Visual Basic, VBA
My role:	Developer with project responsibility

Customer:	TietoEnator
Period:	2001/02 - 2002/05
Description:	CMS developer with project responsibility for Documentum Web Content management solutions. System architect on Nordea Group Intranet based on Documentum WebPublisher. Borealis: Requirement specification, estimates/project planning and development of Documentum templates for www.borealisgroup.com. Development of web based administration interface in Java and JSP on a Apache TomCat server.
Technologies:	Java, JSP, JavaScript, docbasic, WebQL, Visual Basic, DQL, SQL, HTML, XML and XSL.
My role:	Documentum consultant and web solution architect/developer

Customer:	Siemens Business Services
Period:	1999/01 - 2001/01
Description:	Developing integration to DocuLive in QBE-Vision, Visual Basic. Installation and configuration of Oracle databases and some MS SQL-server databases. Developing SQL scripts. Estimating development tasks. My three largest projects: - National Directorate of Labour: Technical lead on major upgrade and development project. Developing paradigm system for document production in VBA. - The Danish State Archives: Developing software for exporting documents and meta data to a format that can be stored for the next 800 years at Danish State Archives. Performing an export to Danish State Archives for the Ministry of Science, Technology and Innovation. - Sygehus Fyn: Converting 5 Novell SoftSolution databases to Doculive on Oracle.
Technologies:	DocuLive, QBE-Vision, Visual Basic, VBA
My role:	Consultant and developer

Customer:	Copenhagen Business Schools institute for Accounting and Auditing
Period:	1997/01 - 1998/01
Description:	System administrator and part of the superuser group on own initiative. Administration of Windows NT servers. Installation of all new computers and software. Installation of Windows 95/98/NT workstations.
Technologies:	Windows 95/98/NT
My role:	System administrator

Customer:	Account Data A/S
Period:	1995/01 - 1999/01
Description:	Administration of UNIX servers with INFORMATION (Universe) database. Database development in INFO/BASIC and client development in Delphi.
Technologies:	UNIX, INFORMATION database, Delphi
My role:	Database developer and system administrator

Education

Name: **Bachelor student in computer science at the Copenhagen University**
Year: 1992-1996

Courses and certifications

Name: **SiteCore 7 certified .NET developer**
Year: 2014
Duration: 3 days

Name: **SiteCore 6.5 certified .NET developer**
Year: 2012
Duration: 3 days

Name: **SiteCore 5.3 CMS certified developer level 1+2**
Year: 2008
Duration: 3 days

Name: **Oracle Database 10g: Develop PL/SQL program units**
Year: 2005
Duration: 3 days

Name: **Documentum Developer Conference**
Year: 2001
Duration: 5 days

Name: **Documentum Quick Start Partner Training**
Year: 2001
Duration: 14 days

Name: **Documentum Web Development Kit**
Year: 2001
Duration: 3 days

Name: **Java Programming Language at Sun in Denmark**
Year: 2001
Duration: 5 days