Software Architect/Developer/Engineer

PERSONAL INFO

Name	**DENI KOCEV (***DENNY KOTSEV***)**
Telephone	**00389 78 822 338**
Contacts	TheHalcyonSavant@gmail.com
	skype: **TheHalcyonSavant**
Homepage	http://thehalcyonsavant.com
Nationality	Bulgarian
Languages	English, Bulgarian
Date of birth	11. 10. 1986 (27 YEARS)
EDUCATION	Software Engineer –Bachelor's degree in 2010 at TU Sofia (Faculty of Computer Systems and Control)

WORK EXPERIENCE

2013   Freelance, self-employed, open-source

• Projects
https://github.com/TheHalcyonSavant/VocabularyGame
https://github.com/TheHalcyonSavant/SoccerBase
https://github.com/TheHalcyonSavant/ExcelApp
https://github.com/TheHalcyonSavant/ConnStealing

2012-2013   Developing free simple VBA/Excel invoice software for managing small/middle Macedonian trading companies

• Project
https://github.com/TheHalcyonSavant/Invoices

2010-2012   MI-C3 http://mi-c3.com/

• Occupations
Front-end, Middleware, Back-end Developer
Project Management
Software Architecture
Code Refactoring

• Projects   **Design & Development of MI-C3 Platform:** I have created single-handedly many functional multitier components as part of our OOP Line of business framework based on variety of model technologies (Rich Internet Applications, Model-View-Controller, Web services, Event-driven patterns, Reporting, Navigation, etc.). These components have major influence on the company's framework and are essential for designing highly complicated web solutions in a very short time. With this *framework* we have improved the development of different Web based ERP solutions for the internal networks of companies like:

Our projects have been developed mostly on InterSystems products with combination from other frameworks like .NET and Java.

I have been personally involved in the management and architecture on the front-end side of our components by using the latest technologies like HTML5, JavaScript (jQuery), CSS 3 and InterSystems' front-end products like Zen, CSP, DeepSea, and others.

Personal work on front-end Web 2.0 components in MI-C3:

- *Web Operating System* (with windows, icons, widgets, effects, multi-desktops, etc.);
- *Data Grids* (grouping, sorting, sub-contents, resizing, paging);
- *Drop Downs* (with images, auto-completion, effects, filtering);
- *Tree*s (load on demand, hotkeys, effects, etc.);
- *Tab Groups / Wizard* (sliding effects, loading on-demand);
- *Tooltip*s (with balloon effect);
- *Validation* (DB existence, masking, etc.);
- *Navigation Menu / Carousel* (submenus, animations, etc.);
- *GIS control (*OpenLayers API, Google Maps API, VirtualEarth);
- *Chart, Pie* (SVG, Canvas, WebGL)
- CSS3 animations, 2D/3D transformations
- *WYSIWYG control*

Personal work on the back-end in MI-C3:

- Auto-parser of the backend classes for dynamic creation of front-end grids, needed for CRUD operations;
- Responsible for any REST communication in the system;
- Design and maintain of Action Management System (BPM like system), responsible for different actions / coactions / tasks needed by the end-user.
- Implementation of SOP (Standard Operation Procedures)
- Integration of Role-Based security
- Restructure some internal data under WEB 3.0 OWL standard

2010	Preparing and defending my undergraduate dissertation
• Title	Developing drivers for hiding files in Windows NT 5.1 - 5.3 environment
• Projects	https://github.com/TheHalcyonSavant/SSDT_Hook https://github.com/TheHalcyonSavant/FileHide
2005 – 2009	Attending classes at Technical University of Sofia
• Occupation	Besides studying and passing examinations with very good grades, I was involved in many school projects and some open source works:
• Projects	https://github.com/TheHalcyonSavant/regex (Java Swing) https://github.com/TheHalcyonSavant/Delphi (Delphi and Pascal)
2006 – 2007	EJR Group – Sofia (during studies)
• Occupation	WEB Developer/Programmer (trainee)
• Projects	http://silvi-bg.com - SEO improvement participation in the development of: http://dobro-bg.com, http://neptunbeach.com

Programming Languages: Frameworks(Sub-frameworks/Libraries) ->
- **ActionScript**: Flash, Flex
- **AutoIt**
- **Borland Pascal, Delphi**
- **C#, F#:** ADO.NET Entity Framework 6,
  ASP.NET (MVC 5, Razor, WebAPI 2 (Breeze, OData)),
  LINQ, Unity DI, WinForms, WPF, xUnit
- **C, C++:** ANSI, WinApi, CRT
- **CSS 3:** Bootstrap, SASS(Compass)
- **HTML 5:** Jade, Markdown
- **InterSystems Caché ObjectScript:** CSP, ZEN
- **Java:** Apache Lucene, Colt, JFC (AWT, Swing), Selenium2
  (WebDriver)
- **JavaScript:** AngularJS (Angular-UI, Restangular, …), Breeze,
  CoffeeScript, D3, Firebase, Google Earth API, Jasmine, jQuery
  (jQuery-UI, jqGrid, …), Lo-Dash, Modernizr, OpenLayers,
  Protractor, PrototypeJS, QUnit
- **Microsoft Assembler**
- **NodeJS:** Grunt, Karma
- **PHP 5**: Prado
- **SQL:** SQL Server (T-SQL), MySQL, InterSystems SQL
- **SVG:** D3
- **Visual Basic for Applications**
- **XSLT, XPath, Regex**

Additional:
- Adobe Acrobat/Photoshop/Dreamweaver/Flash Professional
- Apache, IIS
- AutoCad
- Bash, PowerShell
- CorelDraw
- Design Patterns
- GeoServer
- Git, SVN
- Microsoft Office
- NetBeans, Sublime Text, Visual Studio
- SCRUM (Redmine, ScrumWorks)
- Test/Behavior Driven Development, e2e testing
- Windows Driver Kit, Kernel Debugging
- Wireshark, tcpdump
- Yeoman, NPM, Bower, …