Name	János Setény	Mobile	+36 30 686 6156	E-mail	jseteny@gmail.com

Responsibility

Software Architect	Big Data project using Scala, Python, Spark, Hadoop, H2O. Massive data extractor for Impressum pages of Web sites. Used Scala Combinator Parser for that natural language processing project, too. Application running on Android tablet for VW dealers and another cooperating application running on phone for VW customers. CRM application on Android with offline capabilities. Premium category Scan/Print extension for Samsung/Ricoh printers using the Android operating system. Reviewed source code and architecture. Made the project execution more effective. Designed and implemented systems using ASP.NET MVC. Used NoSQL and Relational DBs. Designed Software Layers, exception handling strategy and transfer protocol. Actively developed core parts of the softwares using TDD, BDD and Code coverage tools. 3rd party service integrations.
Teacher and Mentor	Teaching Scala and Java at the University of Szeged. Gave trainings and workshops about Scala, Design Principles, Design Patterns, JUnit, MSTest, BDD, TDD, C++, OOP, and Build Management.
Head of Development	Technical decisions. Planned and supervised refactoring efforts. Helped to increase code coverage. Carried out new projects in Java (Play Framework) using the existing PHP developers. Helped the Scrum Masters with JIRA and Agile project management. Formulated and modified processes. Planned and supervised release management. Involved in strategic decisions as member of the board. Development Road-map. Resource management. Interviews new developers. Performance evaluation of the existing developers. Supervision of QA, Scrum, Scheduling, Sales Offers, Subcontractors. Strategic customer meetings. Dealt with customers from US, UK, Finland and Hungary.
Software Engineering Manager	Supports sales efforts and negotiates technical details with customers and team mates from Canada, US, UK, Germany, France, Spain, Finland and Japan. Coordinating multiple projects with different technologies including Scala, Spark, Hadoop and Ruby on Rails. Coaching developers about communication with the customer. Overseeing ticketing systems used for project coordination. Made the team to do refactoring in several projects and increased the efficiency of the development effort. Initiated the use of Clean Code technics, Design Principles and Design Patterns. Introduced JIRA, TDD, BDD and Continuous Integration. Collected Best Practices and wrote Coding Standards. Interviews new developers. Communicates with related projects and other divisions. Does requirement, feasibility and risk analysis. Produces documentation for software releases. Supervised QA and Scrum. Status reports, Sprint planning and release management. Bugfix planning and coordination. Reorganised the Android and the iOS team. Helped new projects, new Scrum Masters and Product Owners. Teaches Scrum and Kanban. Selected JIRA as the agile project management tool which is now used for more than 50 projects. Taught and supervised it's usage and helped with it's administration when needed.

	Experience
English language	C1 level certificate 0151036, telc GmbH
Programming languages	Scala, Java, C#, C++, Ruby, SQL, UML, C, AspectJ, Delphi, JavaScript.
Scala Technologies	Big Data, Combinator Parser. Play Framework. REST in Scala. DSLs using Scala.
Scala Tools	Apache Spark, Hadoop, H2O, Apache Ambari, SBT, ScalaTest, Scala Specs2, ScalaCheck.
Java and Web Technologies	OSGi, J2EE, Spring, JSP, DSL using Java, JMX, JMS, RMI, SOAP, JINI, Generics, Annotations, Reflection, Swing, Java to native code integration. HTML, CSS, Ruby on Rails, JavaScript, XML, XSLT, XPath.
Java Tools	GrammarKit and ANTLR. OSGi containers, Apache Camel.Spring, JUnit, TestNG, easyb (BDD), Mockito, EasyMock, jMock, Apache JMeter.Clover and Cobertura. Jenkins, TeamCity and Cruise Control. MyBatis.Tomcat, Jetty, Netty, ActiveMQ. IntelliJ, Eclipse. Gradle, Maven, Ant. JConsole, Log4J.
Android technologies	Asynchronous server communication. Animated UI. Data binding. Push notification handling. Bluetooth low energy iBeacon. Code review of the developed code
C# Technologies	ASP.NET MVC, ASP.NET, Windows RT, Windows Desktop Applications and Windows Services, Registry, User handling OLE2 and COM programming.
C# Tools	Visual Studio 97 - 2015, ReSharper, SharpDevelop, NUnit, MSTest, NCover
C/C++ Technologies	DICOM programming, C++ Templates, Binary parsers, Template engine, 2D vector graphics
C/C++ Tools	CppUnit , CUTE unit test, STL, Boost, CMake, CLion, Eclipse CDT, Visual C++, Borland C++
Databases	Couchbase, MongoDB, Oracle 10g, Microsoft SQL Server, MySQL, PostgreSQL.
General Tools	JIRA, Version One, Confluence, Crucible and FishEye. Bugzilla, Redmine, Trac, YouTrack, DokuWiki, CA Clarity. ArgoUML, Rational Rose UML. Git, Perforce, Subversion, CVS, Source Safe.

	Education		
Software Engineer, Bsc	University of Szeged	**Soft Skills Trainings**	MATT Humán Tanácsadó Kft.
.NET and ASP.NET MVC Training	University of Szeged	**Holacracy Trainings**	Green Fox Academy
Scrum Master Training	CCC Software House	**Scrum Workshops**	Adaptive Consulting

References	
2016 -	**Tigra Kft., Software Engineering Manager and Software Architect** **Big Data** research project. Scan/Print extension for Samsung/Ricoh printers using the **Android** operating system. Worked for Nuance as the leader of a contractor team. **Ruby on Rails** business system for several European Union and Government Offices in Hungary.
2012 - 2016	**CAS Software Kft., Software Engineering Manager and Software Architect** Natural Language Processing web page extraction application in **Scala.** VWTS **Android** project. CAS genesisWorld CRM **Android** Client. Containerised **Microservices** in the SDX project using **Docker** and Windows Containers. VBScript language plugin for IntelliJ in **Java**. Windows Mobile CRM in **C#**. Source Code Quality Assurance of the CRM Web Client. Research projects in **Java**.
2011 - 2012	**Factory Creative Studio, Head of Development** Inventory project for Tesco in **C#.** EU. funded Source Code Refactoring project with 5 other companies in **Java**. Web sites and applications for Sony, Intel, AXN, HBO, Farmit, Sanoma Media, Da Vinci Learning, Garnier and Drogerie Markt in PHP, JavaScript and **Java**.
2009 - 2011	**EPAM Systems Kft., Outsourcing, Lead Developer** Common Container, the new back-end of the **expedia.com** site in **Java**. Improvements and bug fixes in **Java** for the **hotels.com** site including 3rd party service integration.
2008 - 2009	**CCC Software House, Finland, Senior Specialist** Planning and Inventory Application for Abloy Oy in **C++**. Highly successful Template Engine in **C++**. Taught **C++** programming.
2000 - 2008	**CCC Software House, Hungary, Senior Specialist** CRM desktop and web application for Empower Oy in **C# and ASP.NET**. **DICOM** image manipulation project in **C++**. **Real-time** communication application in **Java** for the Nokia Research Center. Custom version control application in **Java J2EE** for Panasonic and Vodafone. Cybelius Maestro mobile phone planning system in **Java** for Nokia, Panasonic and Vodafone.
1999 - 2000	**KÉSZ Kft., Senior Developer** Vector graphic and Database handling applications for DSTV files in **C++ and Delphi**. CADKEY plug-in for DSTV files in **ANSI C**. Source Code Quality Assurance of the **C++** CAD application made by the Budapest University of Technology and Economics for KÉSZ Kft. Taught **C++** programming.
1998 - 1999	**Pratix Kft., Senior Developer** Took over the development of a **C++** Network Administration Application in Paris. Taught **C++** programming.
1992 - 1998	**Wissen Hungary Kft., Developer** Technical consultation with a customer in Barcelona. 2D vector graphics applications for Sign Making and plotter drivers. Written in **C++**, having 10 language versions including **Japanese**.