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

Responsibility

Software Architect **and** **Lead Developer**	Led Big Data research project using Scala, Python, Spark, Spark ML, Apache YARN, Hadoop, HDFS, H2O. Implemented web scraper for Impressum pages using Scala Parser Combinators. Led development of Android application for VW dealers and another cooperating application running on phone for VW customers. Added offline capabilities to an Android CRM application. Led a team of outsourced developers: premium category Scan/Print extension development for Samsung/Ricoh printers using the Android operating system. Designed Software Layers, exception handling strategy and transfer protocol. Actively developed core parts of the software using TDD, JMeter and Code Coverage Tools. Did code reviews, requirement, feasibility and risk analysis. Planned and supervised refactoring efforts. Got rid of Code Duplication. Increased the efficiency of the development effort.
Teacher and Mentor	Teaching Scala and Java at the University of Szeged. Author of the PACKT Video Course "Java Tips Tricks and Techniques" which is mostly about Functional Programming in Java. Gave trainings and workshops about Scala, Scrum, Clean Code, Separation of Concerns, Design Principles, Design Patterns, JUnit, MSTest, OOP, Build Management and C++.
Software Engineering Manager	Carried out new projects in Play Framework (Java) using the existing PHP developers. Planned and supervised releases, QA and subcontractors. Bugfix planning and coordination. Oversaw ticketing systems used for project coordination. Interviewed new developers and testers. Made the Development Roadmap. Made technical meetings with customers from US, UK, Finland and Hungary. Negotiated technical details with related teams from Canada, US, UK, Germany, France, Spain, Finland and Japan.

Scala Related Experience

Certificates	Functional Programming Principles in Scala, T9A2BXXG2NM4, Coursera 2017 English Language C1 level, 0151036, telc GmbH 2015
Technologies	Akka, Big Data, DSLs using Scala, Play Framework, Parser Combinators, REST in Scala.
Tools	SBT, ScalaTest, Scala Specs2, Scover, Apache Spark, Hadoop, H2O, Apache Yarn.
Java and Web Technologies	HTML, CSS, JavaScript, JSON, Swagger, J2EE, Spring, Swing, JMX, JMS, RMI, XML.
Java Tools	WildFly, Tomcat, Netty, GrammarKit, ANTLR, Apache JMeter, JUnit, TestNG, Mockito, EasyMock, Cobertura, MyBatis, Gradle, Maven, Ant, SLF4J.
Android	Asynchronous communication, Animated UI, Push notification, Bluetooth handling.
Databases	PostgreSQL, MySQL, Couchbase NoSQL DB, Oracle 10g, Microsoft SQL Server.
Other Tools	Jenkins, TeamCity, Docker, Kubernetes, Git, Linux Shell, JIRA, Confluence, ArgoUML, Grafana.

Other Experience			
Ruby	Ruby on Rails, DSL in Ruby.	**Python**	Machine Learning, Jupyter Notebook
C#	ASP.NET MVC, Winforms, MSTest, Registry network and OLE2 handling.	**C/C++**	STL, CppUnit, Binary parsers, Template engine, 2D vector graphics.

Education			
Software Engineer, Bsc	University of Szeged	**Soft Skills Trainings**	MATT Humán Tanácsadó Kft.
Scrum Master Training	CCC Software House	**Scrum Workshops**	Adaptive Consulting

References	
2016 -	**Tigra Kft., Software Architect** **Big Data** research project in **Scala**. Developer tools in **Scala**. Scan/Print extension in **Android**. **Microservices** containerised in Kubernetes using OpenShift. **Ruby on Rails** systems.
2016 -	**University of Szeged, Guest Teacher** Java and later **Scala** courses for BSc and MSc students.
2012 - 2016	**CAS Software Kft., Software Engineering Manager and Software Architect** Natural Language Processing web scraper application in **Scala.** VWTS **Android** project. CAS genesisWorld CRM **Android** Client. VBScript language plugin for IntelliJ in **Java**. Source Code Quality Assurance.
2011 - 2012	**Factory Creative Studio, Head of Development** European Union 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 including 3rd party service integration.
2008 - 2009	**CCC Software House, Finland, Senior Specialist** Planning and Inventory Application for Abloy Oy in **C++**. Template Engine in **C++**.
2000 - 2008	**CCC Software House, Hungary, Specialist** **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. CRM desktop and web application for Empower Oy in **C# and** ASP.NET. **DICOM health care** image manipulation project in **C++**.
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.
1998 - 1999	**Pratix Kft., Senior Developer** Took over a **C++** Network Administration Application in France and developed it in Hungary.
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**.