

# Cosmin Stroe

Software Developer  
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<b>OBJECTIVE</b>	Seeking to apply software engineering expertise to enable teams to solve challenging problems through effective collaboration, fostering a culture of growth, and technical mastery.	
<b>WORK EXPERIENCE</b>	<b>Senior Software Engineer</b> Uptake Technologies Inc.	Oct 2017 – Current
	<ul style="list-style-type: none"><li>▪ Data Ingestion Platform: Scaling and Hardening<ul style="list-style-type: none"><li>• Implement recovery mechanisms in streaming data pipelines.</li><li>• Implement streaming processors monitoring via JMX and Telegraf.</li></ul></li></ul>	
	<b>Software Engineer</b> Uptake Technologies Inc.	Oct 2016 – Oct 2017
	<ul style="list-style-type: none"><li>▪ Data Ingestion Platform: Implementation and Validation<ul style="list-style-type: none"><li>• Implemented a CI pipeline to ensure software quality and timely feature delivery.</li><li>• Integrating third-party applications into data processing platform.</li><li>• Load test data processing pipeline to ensure throughput SLAs.</li></ul></li></ul>	
<b>EDUCATION</b>	<b>Software Engineer</b> Backstop Solutions Group	Apr 2014 – Oct 2016
	<ul style="list-style-type: none"><li>▪ SaaS Platform to support professional and institutional investors<ul style="list-style-type: none"><li>• Day-to-day operations of Java EE web application.</li><li>• Application performance monitoring, implemented AppDex metric for app.</li><li>• YourKit profiling to identify and improve application performance.</li><li>• Helped implement EHCache/Infinispan as an external caching solution.</li><li>• Implemented SonarQube for static analysis of our code base to track and improve code coverage.</li></ul></li></ul>	
	University of Illinois at Chicago, Chicago, Illinois, USA	
<b>PROFESSIONAL INTERESTS</b>	<ul style="list-style-type: none"><li>▪ Master of Science, Computer Science<ul style="list-style-type: none"><li>• Course work GPA: 4.0</li></ul></li><li>▪ Bachelor of Science, Computer Engineering</li></ul>	2011 – Ongoing 2000 – 2009
	Artificial Intelligence, Machine Learning, Data Modeling and Analytics, Cloud Platforms, Stream Processing, Distributed Systems, Continuous Integration/Continuous Delivery, Software Quality.	
<b>PREFERRED LANGUAGES</b>	Java, Scala, Kotlin, Groovy, Rust.	
<b>TECHNOLOGIES (ALPHABETICAL)</b>	Cucumber, Docker, Elasticsearch, Gradle, Jenkins, Jetty, JVM, Kafka, Kafka Connect, Marathon, Mesos, PostgreSQL, Puppet, R, Selenium, Spring Boot, Spring Framework, SonarQube, Tomcat, YourKit, ZooKeeper.	
<b>LAST 3 BOOKS I'VE READ</b>	Programming Rust, Managing Humans, Kafka: The Definitive Guide	

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