

Cosmin Stroe

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

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