

Krishna Pramod Sripada

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EDUCATION

Indiana University , Bloomington, IN, United States	May 2017
Master of Science, Computer Science,	(GPA: 3.59/4.0)
Major Courses: Big Data Analytics, Cloud Computing, Applied Machine Learning	
Amrita Vishwa Vidyapeetham , Bangalore, India	May 2014
Bachelor of Technology, Computer Science and Engineering,	(GPA: 3.70/4.0)
Major Courses: Data Structures, Algorithms Analysis, Database Management Systems	

TECHNICAL SKILLS

Languages: Java, Scala, Python, C++, JavaScript, SQL, HTML, CSS
Big Data: Apache Spark, HDFS, Hive, YARN, Sqoop, MapReduce, Kafka, Flume, AWS EC2, AWS EMR
ML Libraries and Tools: scikit-learn, Pandas, Matplotlib, MLlib (Spark), D3.js, Tableau, Weka

ACADEMIC PROJECTS

Real-Time Streaming Data Pipeline – (Scala, Spark Streaming, Apache Kafka)	Jan 2017 – May 2017
• Built a Streaming pipeline in that a Flume agent streams log data into the Kafka cluster and a Spark Streaming application reads from Kafka and performs various aggregations in real time	
Intrusion Detection Learner – (Apache Spark, Scala, Python)	Aug 2016 – Dec 2016
• Developed Machine Learning models using Spark ML library for segregating intrusions from normal connections in the KDD cup network dataset and achieved an accuracy of 99.17 % on the test data	
Big Data Warehouse – (Sqoop, Hive, Apache Spark, Scala)	Aug 2016 – Dec 2016
• Implemented a data warehousing solution using open source Big Data tools that save enterprises over 75% in costs over proprietary Enterprise Data warehousing tools	
Multi-Node Hadoop and Apache Spark Cluster on AWS – (AWS, Hadoop, Spark)	Jan 2016 – May 2016
• Spun up AWS instances to deploy a Hadoop and Spark cluster leveraging AWS pay-as-you-go model	
Twitter Trending Topics – (Apache Spark, Spark Streaming, Python)	Jan 2016 – May 2016
• Developed a Spark Streaming application that finds trending topics on twitter in real time	

CERTIFICATIONS

- Cloudera Certified Associate Apache Spark and Hadoop Developer (CCA 175)

PROFESSIONAL EXPERIENCE

Intern , Indiana University	May 2016 - Aug 2016
• Enhanced the Cognitive Science co-author visualization D3.js network graph, that represents various collaborations amongst the professors, students, and alumni of Indiana University Bloomington	
• Redesigned the Cognitive Science publication database website used by 160 faculty members to modify publications using Python Pyramid framework	
Systems Engineer , Infosys Ltd, Hyderabad, India	Jul 2014 - Jul 2015
• Gained experience in Identity Management domain by helping a major US banking client migrate its identity management system from Oracle Identity Manager to SailPoint IdentityIQ	
• Developed a web service that provisions user identities on respective databases such as Active Directory using Java Web Services API and created test suites for unit, integration, and regression testing	