

Soumili Sarkar

Software Engineer

Summary

N/A

Experience

Software Engineer at Microsoft

February 2017 - Present

Software Engineer II at Connexity, Inc.

June 2015 - January 2017 (1 year 8 months)

Worked on projects involving development of BigData frameworks, implementing several ETL jobs and deploying it to capture, transform, analyze and store Terabytes of structured and unstructured data and meta-data ingested by the company internally and also used for business purposes. Most recent project involves integrating such frameworks using Java, Pig and Hadoop, which resulted in an increase in net profit of the company. I have also written the BDD tests for Regression Testing of these projects using Gherkin, Cucumber And Java.

Engineering Intern - Big Data Engineering at Connexity, Inc.

January 2015 - May 2015 (5 months)

Performed end to end BDD regression test on company's Internal Query Engine. Prototyped a DaaS FTP model using technologies such as Kafka, Dropwizard and Java. I implemented the back-end of a dashboard application that runs as a background process tracking job status using Java and Dropwizard. My implementation involved tracking job outputs on HDFS and sending email if latest output on HDFS is more stale than the threshold set.

Student Worker at USC Auxiliary Services

January 2014 - May 2015 (1 year 5 months)

Inventory Management, Sales, Customer Relationship Management, Customer Service, Merchandising.

Engineering Intern - Business Intelligence at Shopzilla, Inc.

June 2014 - August 2014 (3 months)

Implemented a BigData framework for upgrading a legacy based system for optimization. Developed several ETL jobs using Java UDFs, Pig Scripts, Pig Integration and JUnit testing (used Mockito). Achieved end-to-end improved runtime from 6-12 hours to 45 minutes.

INTERNSHIP at IBM India Pvt. Ltd. at IBM India Pvt. Ltd.

May 2011 - July 2011 (3 months)

Study of SAP ERP, Application Development Life Cycle, LEAN Process and Metrics

INTERNSHIP at L&T Infotech Pvt. Ltd. at L&T Infotech

June 2010 - July 2010 (2 months)

Virtualisation on Android Platform

Education

University of Southern California

Master of Science (MS), Computer Science, 2013 - 2015

Activities and Societies: USC Photography Club

Kalinga Institute of Industrial Technology

Bachelor of Technology (BTech), Computer Science Engineering, 2008 - 2012

Soumili Sarkar

Software Engineer



[Contact Soumili on LinkedIn](#)