Ref. No. : JNNCE/CSE

Date :
Date: 21-09-2018

TO,

MR. SHANKAR SHASTRY
PRINCIPAL SOFTWARE ENGINEERING MANAGER,
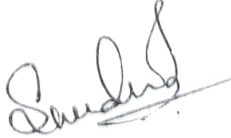AZURE STORAGE, MEDIA AND EDGE TEAM,
MICROSOFT (INDIA), BENGALURU

Dear Sir,

With reference to the telephonic conversation made by Dr. L. K. Sreepathy, Vice-Principal, J. N. N. College of Engineering (JNNCE), Shivamogga. We, the coordinators of COSMOS (Branch forum), Department of Computer Science and Engineering, invite you as a guest for inaugural function of COSMOS and to present a technical talk to 5th semester students on 28th of September 2018.

Please acknowledge us with your positive response as soon as possible.

Sincerely,

Mr. Narendra Kumar S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Dr. Nirmala Shivananda
Professor and Head
Dept. of CS & E
JNNCE, Shivamogga

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Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

Date : 21-09-2019

TECHNICAL TALK

ON

"LEARNING FROM BUILDING A HIGH SCALE DISTRIBUTED STORAGE SYSTEM ON CLOUD"

CIRCULAR

COSMOS, department forum of CS&E, has arranged a Technical talk on "Learning from building a high scale distributed storage system on cloud". This event is for 5th semester students of the department.

Resource Person Details:

Mr. Shankar Shastry,

Principal software engineering manager,

Azure storage, Media and Edge team,

Microsoft (india), Bengaluru.

Date and Time: 28th September 2018 at 10.30 am.

Venue: AD Block Seminar Hall,

JNNE.

Mr. Narendra Kumar S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Dr. Nirmala Shivananda
Professor and Head
Dept. of CS & E
JNNCE, Shivamogga

Jawaharlal Nehru National College of Engineering,
Shivamogga

Invitation

Students and Staff members of Department of Computer Science and Engineering forum COSMOS 2018-19 cordially invites you to present a Technical talk on

"Learnings from building a high scale distributed storage system on cloud"

Date and Time

28th September 2018 at 10:30 am

Resource Person

Mr. Shankara Shastry
Principal Software Engineering Manager at Microsoft India (R&D)

Venue:
AD Block Seminar Hall, JNNCE, Shivamogga

Mr. Narendra Kumar S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
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Professor and Head
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JNNCE, Shivamogga

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Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

SYNOPSIS OF THE TECHNICAL TALK

ON

"Learnings from building a high scale distributed storage system on cloud"

Cloud Computing, Big Data along with Artificial Intelligence are three technology trends that are not only enabling new scenarios and applications for end uses, but are also driving radical changes in the way computing is accessed, software is developed and managed.

At the heart of this is a paradigm of building high scale cloud services that abstract a lot of details of building, installing, running and managing software applications and instead just access them using services as and when needed. Azure Data Lake Store (ADLS) is a fully-managed, elastic, scalable, and secure file system that supports Hadoop distributed file system (HDFS) on the cloud.

It is specifically designed and optimized for a broad spectrum of Big Data analytics that depend on a very high degree of parallel reads and writes, as well as collocation of compute and data for high bandwidth and low-latency access. In this talk, I will provide an overview of this service and use this as an example to talk about learnings from building such a scalable service.

Resource Person Details:

Mr. Shankar Shastry,

Principal software engineering manager,

Azure storage, Media and Edge team,

Microsoft (india), Bengaluru.

National Education Society(R)

Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

TECHNICAL TALK ON "LEARNING FROM BUILDING A HIGH SCALE DISTRIBUTED STORAGE SYSTEM ON CLOUD"

STUDENT ATTENDANCE FORM

Date:	28-09-2018	Resource Person:	Mr. Shankar Shastry, Principal software engineering manager, Azure storage, Media and Edge team, Microsoft (India), Bengaluru.
Time:	10.30 AM– 12.00 PM		
Venue:	AD Block Seminar Hall, JNNCE.		

Sl. No.	USN	NAME	Signature
1.	4JN14CS002	AIMAN FATHIMA	
2.	4JN14CS092	SERWESH KUMAR SHIROLE Y	
3.	4JN15CS025	GAHANA P	
4.	4JN15CS041	MANOJ N	
5.	4JN15CS049	NAVEENANAIK L	
6.	4JN15CS067	PRIYAMVADA L KALAMDANI	
7.	4JN16CS003	ADITYA B IYER	
8.	4JN16CS008	AMRUTHA M V	
9.	4JN16CS010	ANUSHREE P	
10.	4JN16CS011	APOORVA G	
11.	4JN16CS012	APOORVA K R	
12.	4JN16CS013	APOORVA V S	
13.	4JN16CS014	ARPITHA J A	
14.	4JN16CS015	AVINASH H R	
15.	4JN16CS016	BHOOMIKA S	
16.	4JN16CS019	BINDU N L	
17.	4JN16CS020	CHETHANA B H	
18.	4JN16CS021	CHIRANTHAN K S	

Sl. No	USN	Name	Signature
19.	4JN16CS022	CHOMINI D K	
20.	4JN16CS023	DEEPA SURENDRA RAYAKAR	
21.	4JN16CS024	DEEPIKA H R	
22.	4JN16CS027	HALIMA ERUM	
23.	4JN16CS028	HARSHITHA M H	
24.	4JN16CS029	JYOTHI J R	
25.	4JN16CS030	JYOTHI T S	
26.	4JN16CS032	KARTHIK MALODE	
27.	4JN16CS034	KARTHIK P	
28.	4JN16CS036	KAVANA K P	
29.	4JN16CS037	MADHURA V M	
30.	4JN16CS040	MANJUNATHA V AMBORE	
31.	4JN16CS041	MARELLA JESSICA	
32.	4JN16CS044	NAMRUTA VASU BHAT	
33.	4JN16CS046	NEELESH V S	
34.	4JN16CS051	PALLAVI N G	
35.	4JN16CS053	PANNAGA Y S	
36.	4JN16CS054	PAVANA B	
37.	4JN16CS055	PAWAN P	
38.	4JN16CS057	POOJA M S	
39.	4JN16CS058	POOJA S	
40.	4JN16CS059	POOJA SHASTRY	
41.	4JN16CS062	PRAJWAL M	
42.	4JN16CS064	PRATHIBHA K M	
43.	4JN16CS046	NEELESH V S	
44.	4JN16CS051	PALLAVI N G	
45.	4JN16CS078	RASHMI RAO B	
46.	4JN16CS079	REBONI SHAMMA	
47.	4JN16CS082	SAHANA G	
48.	4JN16CS084	SANJANA S R	
49.	4JN16CS096	SINCHANA R RAO	
50.	4JN16CS097	SINCHANA S J	
51.	4JN16CS104	SUPREETHA H V	
52.	4JN16CS106	SUPRIYA S P	
53.	4JN16CS107	SURABHI S R	
54.	4JN16CS110	TANYA V	

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Department of Computer Science and Engineering

No.	USN	Name	Signature
55.	4JN16CS118	VARSHA V BADAMI	Ab
56.	4JN16CS122	VIVEK V KINI	Vivi
57.	4JN16CS127	APOORVA K G	Apoo K G
58.	4JN16CS128	KAVYA KRISHNAMURTY HEGDE	
59.	4JN16CS130	CHANDANA B N	Chandana BN
60.	4JN17CS400	ARUN M	Arun. M.
61.	4JN17CS401	BHAVANI V M	Bhavani
62.	4JN17CS404	CHANDRASHEKARA B	
63.	4JN17CS405	DEEPIKA J	Deepika. J
64.	4JN17CS406	DINESH T	Dinesh T
65.	4JN17CS408	GAUTHAM J	Gautham
66.	4JN17CS410	GIRISHA M N	Giri mn
67.	4JN17CS411	GOURAV G REVANKAR	Gourav.
68.	4JN17CS413	KAVYA M	Kavya. M
69.	4JN17CS414	KISHAN C M	Kishan CM
70.	4JN17CS417	POOJA B N	Pooja
71.	4JN17CS420	SEVANTHI B C	Sevanthi
72.	4JN17CS422	SHILPA H B	Shilpa
73.	4JN17CS424	T A BHARATH	Bharat T.A.
74.	4JN17CS425	VARSHA M H	Varsha M.H.
75.	4JN17CS427	YASHODHA S	Yashodha S.
76.	4JN14CS133	RUMANA	Rumana
77.	4JN16CS001	ABHAY K P	Abhay. KP
78.	4JN16CS005	AISHWARYA V K	Aishwarya
79.	4JN16CS006	AKSHAY YADAV	Ab
80.	4JN16CS007	AMITH KUMAR H S	Amith
81.	4JN16CS009	AMULYA S R	Amulya.SR
82.	4JN16CS017	BI BI ZAKIYA	Zakiya
83.	4JN16CS018	BINDU K R	K.R.Bindu
84.	4JN16CS026	DHANYA V	Dhanya
85.	4JN16CS031	K C CHITRA	Chitra
86.	4JN16CS033	KARTHIK N UDUPA	Karthik
87.	4JN16CS035	KAVANA D M	Kavana
88.	4JN16CS038	MANJUNATH JOGI H K	Manju
89.	4JN16CS039	MANJUNATHA D	D. Manju
90.	4JN16CS042	MEGHANA S	Meghana S

Sl. No.	USN	Name	Signature
91.	4JN16CS045	NANDINI G M	
92.	4JN16CS047	NIDA	
93.	4JN16CS048	NIKHIL K A	
94.	4JN16CS049	NITHIN KUMAR S K	
95.	4JN16CS052	PANNAGA G R	
96.	4JN16CS056	POOJA A J	
97.	4JN16CS060	POOJASHREE T	
98.	4JN16CS061	PRAJWAL A P	
99.	4JN16CS063	PRASHANTH N	
100.	4JN16CS065	PREETHAM KRISHNA	
101.		PREMARAKSHA	
102.	4JN16CS066	CHANDRASHEKHAR MALI	
103.	4JN16CS067	PRIYA P SHETTY	
104.	4JN16CS070	RAJESH K	
105.	4JN16CS071	RAMACHANDRA ASHOK	
106.	4JN16CS072	RAMANATH PAI M D	
107.	4JN16CS073	RAMYA H L	
108.	4JN16CS077	RASHMI B S	
109.	4JN16CS080	S M SINDHU	
110.	4JN16CS083	SALMANULLA R	
111.	4JN16CS085	SANJU B K	
112.	4JN16CS087	SAVITHA G	
113.	4JN16CS088	SHARATH C	
114.	4JN16CS089	SHARMEEN SADAF	
115.	4JN16CS090	SHASHANK L NAGAR	
116.	4JN16CS091	SHASHANK T P	
117.	4JN16CS093	SHREEVATHSA M L	
118.	4JN16CS094	SHUBHAVI B R	
119.	4JN16CS095	SINCHANA B	
120.	4JN16CS099	SONIKA V	
121.	4JN16CS100	SPOORTHI M P	
122.	4JN16CS101	SPOORTHY M	
123.	4JN16CS102	SUCHETAN J	
124.	4JN16CS103	SUHAS BHARADWAJ K	
125.	4JN16CS105	SUPRIYA S KATTE	
	4JN16CS108	SURYA S	

Jawaharlal Nehru National College of Engineering, Shivamogga
Department of Computer Science and Engineering

No.	USN	Name	Signature
126.	4JN16CS109	SYEDA SABHA SIMRA	
127.	4JN16CS112	THANMAYEE T G	
128.	4JN16CS113	THANUJA P C	
129.	4JN16CS114	TULASI D S	
130.	4JN16CS115	ULLAS C	
131.	4JN16CS116	VAISHAK C	
132.	4JN16CS117	VAISHANAVI M B	
133.	4JN16CS119	VAISHANAVI M SAJAN	
134.	4JN16CS120	VIDYA H G	
135.	4JN16CS121	VIGNESHA B R	
136.	4JN16CS123	VISHWANATH N P	
137.	4JN16CS124	ZAIBA KHANUM	
138.	4JN16CS125	KRUPA C	
139.	4JN16CS126	MADHURA BHAT	
140.	4JN16CS129	MEGHANA V	
141.	4JN16CS131	SUSHMA S	
142.	4JN16CS132	MANAMOHAN G WALI	
143.	4JN16CS402	ANAGHA V BHARADWAJ	
144.	4JN17CS403	BI BI HAFSA	
145.	4JN17CS407	CHAITHRASHREE R	
146.	4JN17CS412	GANGA G	
147.	4JN17CS416	HUSNA AFREEN	
148.	4JN17CS418	POOJA B N	
149.	4JN17CS419	RAMYA G T	
150.	4JN17CS423	REVATHI H	
		SUPREETHA SAAMAK N R	

Coordinator Signature

Jawaharlal Nehru National College of Engineering, Shivamogga

Department of Computer Science and Engineering

DATE: 28-09-2018

PROCEEDING OF THE TECHNICAL TALK

ON

"LEARNING FROM BUILDING A HIGH SCALE DISTRIBUTED STORAGE SYSTEM ON CLOUD"

COSMOS 2018- 2109 hosted a Technical Talk on *"Learning From building a high Scale distributed Storage System on Cloud"* on 28.09.2018 for pre-final year students of the department, and the talk is delivered by Mr. Shankar Shasthry, Microsoft, Bengaluru. The event is scheduled at 10.30 am. The venue where the event is arranged at AD Block Seminar Hall, JNNCE.Number of students were present 139, this session started with the welcome speech to welcome the gather by Mr. Manohar V. Nelli, Assistant Professor, Dept. of CS & E. Chief guest has been introduced to the gathering by Mrs. Sankhya Nayak, Assistant Professor, Dept. of CS & E. formal inauguration of the event done by the Department HoD, Dr. Nirmala Shivananda.

HoD addressed the gathering about the importance of this technical talk briefly, soon after this, session has been started by the chief guest. Session is delivered very systematically and students were involved actively throughout the session.

He delivered the talk beginning with the major three technology such as Cloud Computing, Big Data along with Artificial Intelligence which are the trends that are not only enabling new scenarios and applications for end uses, but are also driving radical changes in the way computing is accessed, software is developed and managed. He narrated role of Azure Data Lake Store (ADLS) on the cloud and the service and use this as an example to learnings from building such a scalable service.

Session ended with Q&A. Finally the technical talk session concluded with the vote of thanks by Mr. Sandeep B., Assistant Professor, Dept. of CS&E and the event is coordinated by Ms. Sreedevi S. and Mr. Narendra Kumar S., COSMOS – 2019 coordinators.

Mr. Narendra Kumar S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

National Education Society(R)

Jawaharlal Nehru National College of Engineering,

Shivamogga

Department of Computer Science and Engineering

Feedback Form

Date: 28-09-2018

Please complete the following evaluation for the Technical talk you attended. Your feedback will help us to evaluate the effectiveness of this event and allow us to make improvement

"Learnings from building a high scale distributed storage system on cloud"

Sl.No	Feedback Questionaries'	Excellent	Good	Average	Poor
1	The material was well organized and easy to follow.	✓			
2	The content was helpful	✓			
3	The level of the presentation was appropriate	✓			
4	The speaker had a good knowledge on the topics		✓		
5	Audience presentation and interaction was encouraged		✓		
6	Was helpful in up gradation of technical skills		✓		
7	The event was well placed within the alloted time		✓		
8	What was your overall impression of this talk?		✓		

Additional Comments:

get to know about cloud, before this I
had no idea of cloud. very helpfull sir.

National Education Society(R)

Jawaharlal Nehru National College of Engineering,

Shivamogga

Department of Computer Science and Engineering

Date: 28-09-2018

Feedback Form

Please complete the following evaluation for the Technical talk you attended. Your feedback will help us to evaluate the effectiveness of this event and allow us to make improvement

"Learnings from building a high scale distributed storage system on cloud"

Sl. No	Feedback Questionaries'	Excellent	Good	Average	Poor
1	The material was well organized and easy to follow.	✓			
2	The content was helpful				
3	The level of the presentation was appropriate	✓			
4	The speaker had a good knowledge on the topics		✓		
5	Audience presentation and interaction was encouraged		✓		
6	Was helpful in up gradation of technical skills		✓		
7	The event was well placed within the allotted time		✓		
8	What was your overall impression of this talk?		✓		

Additional Comments:

Ref. No. : JNNCE/CSE

Date :

DATE: 28-09-2018

TO,

MR. SHANKAR SHASTRY
PRINCIPAL SOFTWARE ENGINEERING MANAGER,
AZURE STORAGE, MEDIA AND EDGE TEAM,
MICROSOFT (INDIA), BENGALURU

Dear Mr. Shankar Shanty,

On behalf of the COSMOS, forum of Dept. of CS&E, we wanted to express our appreciation to you for as our speaker on "Learnings from building a high scale distributed storage system on cloud". It was extremely informative, and the class size and participation illustrated the importance of this topic to students.

MICROSOFT (INDIA) is an excellent firm, and we appreciate your personally taking time to provide us with the timely information. The positive responses to the seminar (or meeting) are a reflection of MICROSOFT (INDIA)'s acceptance and credibility within the software industry.

Once again, thank you for making the technical talk session successful, and we appreciate your continued support.

Sincerely,

Mr. Narendra Kumar S.
Cosmos Co-ordinator
Asst. Professor
Dept. of CS & E
JNNCE, Shivamogga

Mrs. Sreedevi S.
Cosmos Co-ordinator
Asst. Professor
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Dr. Nirmala Shivananda
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