CHANDRA SEKHAR MADDILA

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EXPERIENCE

SEPTEMBER 2013 – PRESENT

SENIOR RESEARCH ENGINEERING LEAD, MICROSOFT RESEARCH

I Work for Applied Sciences group at Microsoft Research. My primary interest areas are Software Engineering, Software Analytics and finding interesting applications of AI in software engineering and analytics space.

JULY 2012 – AUGUST 2013

SOFTWARE ENGINEER, CA TECHNOLOGIES

Was part of a research group that builds automation/orchestration products/tools which enables companies to manage their IT infrastructure and DevOps efficiently while reducing the total cost of operations

MAY 2010 – JUNE 2012

RESEARCH ENGINEER, CONVERGYS

Part of Forward R&D team where we explore and develop next gen products/services for telecom companies and ISPs by leveraging the surge of automation, orchestration and self-tuning techniques

EDUCATION

DOCTOR OF PHILOSOPHY, TU-DELFT

Software Analytics, Empirical Software Engineering

MASTER OF TECHNOLOGY (M. TECH), BITS-PILANI

Software Systems, Data Analytics

BACHELOR OF TECHNOLOGY (B. TECH), JNTU-KAKINADA

Computer science and Engineering

PROJECTS

Some of the interesting projects I have worked on (but not limited to) are:

- Sankie
- Project Mélange
- Massively Empowered Classrooms (MEC)

PUBLICATIONS

- Ranjita Bhagwan, Rahul Kumar, *Chandra Shekhar Maddila*, Adithya Abraham Philip*: Orca: Differential Bug Localization in Large-Scale Services.* *OSDI 2018*. ***Jay Lepreau best paper award***
- Rahul Kumar, Chetan Bansal, *Chandra Shekhar Maddila*, Nitin Sharma, Shawn Martelock, Ravi Bhargava*: Building sankie: an AI platform for DevOps.* *BotSE@ICSE 2019*
- Adithya Abraham Philip, Ranjita Bhagwan, Rahul Kumar, *Chandra Shekhar Maddila*, Nachiappan Nagappan*: FastLane: test minimization for rapidly deployed large-scale online services.* *ICSE 2019*
- *Chandra Shekhar Maddila*, *Chetan Bansal*, *Nachiappan Nagappan: Predicting pull request completion time: a case study on large scale cloud services.* *ESEC/SIGSOFT FSE 2019*
- *Sumit* Asthana, Rahul Kumar, Ranjita Bhagwan, Christian Bird, Chetan Bansal, *Chandra Shekhar Maddila*, Sonu Mehta, B. Ashok*: WhoDo: automating reviewer suggestions at scale.* *ESEC/SIGSOFT FSE 2019*
- Ranjita Bhagwan, Rahul Kumar, *Chandra Shekhar Maddila*, Adithya Abraham Philip*: Orca: Differential Bug Localization in Large-Scale Services.* *USENIX Annual Technical Conference 2019*
- Shruti Rijhwani, Royal Sequiera, Monojit Choudhury, Kalika Bali*, Chandra Shekhar Maddila: Estimating Code-Switching on Twitter with a Novel Generalized Word-Level Language Detection Technique.* *ACL (1) 2017*