DEVWRAT MORE

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EDUCATION

M.S. in Computer Science   Expected Dec 2016
Columbia University

B.Tech. in Computer Engineering.   May 2013
College of Engineering Pune (COEP), India   Rank: 3 in class of 89. GPA: 9.18/10

Relevant Coursework: Machine Learning, Information Retrieval, Advanced Database Systems, Operating Systems, Analysis of Algorithms, Advanced UNIX Programming

EXPERIENCE

Microsoft India Development Center, Hyderabad   Oct 2013 – July 2015

- Designed, implemented and enhanced multiple features of the product 'Release Management' in Visual Studio.
- Integral part of transition when the box-product was released as online service under VSO (Visual Studio Online). Solved critical problems of scalability and maintenance.

ACADEMIC RESEARCH AND SELECTED PROJECTS

Achieving Energy Efficiency by Optimal Resource Utilization in Cloud Environment

- In a novel attempt, improved the effectiveness of DVFS in virtualized environments using Soft Scaling as a precursor to DVFS.
- Designed and implemented a module '*Energy Manager*' which uses techniques of Soft Scaling, DVFS, VM Migration, VM Configuration and Power State Switching for optimal resource utilization.

COEP Satellite Program

- Developed a complete static file system based on SD card and flash memory to store SWAYAM satellite's communication data.
- Consolidated and maintained a custom designed single stack Real Time Operating System.

Marathi Programming Environment
Designed and implemented a programming environment to allow programming in native language, Marathi.

SKILLS & TOOLS

Primary: C, C#, Administrator skills for GNU/Linux Distributions, Git.
Experience With: C++, Java, Python, SQL

PUBLICATION

D. M. More, S. S. Mehta, P. K. Pathak, L. S. Walase, and Jibi Abraham "Achieving Energy Efficiency By Optimal Resource Utilization in Cloud Environment", IEEE International Conference on Cloud Computing in Emerging Markets Oct 15 – 17, 2014, Bangalore, India.

ACHIEVEMENTS & RESPONSIBILITIES

- 2nd prize in Computing Division at Jed-i project competition held at IISC, for B.Tech thesis project.
- Recipient of the National Talent Search scholarship (awarded to 650 students from 200,000 applicants across India).
- Successfully complete Google Summer of Code 2013.
- Lab administrator of FOSS Lab of Department of Computer Engineering and IT, COEP.
- Head of national level event - 'Paper Presentations in Computer Engineering and IT' at COEP.