

# Arjun Rao

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Pursuing Master's degree in Computer Science and Engineering, passionate to work as Software Professional in a reputed organization where acquired skills and technical capabilities can be utilized for the growth of the organisation as well as personal growth.

## Previous Employment

- Microsoft India GTSC** **Bangalore**  
Support Engineer, System Center Configuration Manager team *September 2014–August 2015*  
I was responsible to provide support to the enterprise customers, in order to resolve critical environment issues in using SCCM product. Resolved issues by troubleshooting and providing solutions/finding bugs. The tools used were PowerShell, Visual Basic and scripting.
- Microsoft India GTSC** **Bangalore**  
Support Engineer Intern, System Center Configuration Manager team *February 2014–August 2014*  
Worked on Zero Touch Deployment of Operating System and User centric deployment of applications using SCCM. It involved deploying operating systems to various clients without human intervention and also facilitate deployment of different set of applications for different collection of users based on their requirements.

## Education

### Academic Qualifications.....

- National Institute of technology Karnataka** **Surathkal**  
MTech, Computer Science and Engineering , CGPA: 8.33(IInd sem) *2016–ongoing*
- B.V.Bhoomaraddi College of Engineering and Technology** **Hubli, Karnataka**  
BE, Computer Science and Engineering, CGPA: 9.03 *2010–2014*
- Chetan PU Science College** **Hubli**  
Pre-University Education, 86.3% *2008–2010*
- Chinmaya Vidyalyaya** **Hubli**  
SSLC-State Board, 94.72% *2008*

### Academic Projects.....

- Master's Project:** 'Exhaustive evaluation of TCP Westwood and Westwood+ in Multirate 802.11'  
Evaluation of the performance of TCP Westwood and Westwood+ was done in the presence of Rate Adaptation Algorithms such as ARF, AARF, ONOE and MINSTREL. The tool used was ns-3 and coding was done in C++.
- Master's Project:** 'A new efficient approach to store and rate data in cloud server'  
A new method was designed and implemented for storing text based documents on cloud (DaaS). Also a new way was implemented to rate text based documents. The implementation was done for Microsoft office based files. C# was the programming language used, while the tool used was Visual Basic.

- **Master's Project:** *'Iterative Weiner Filter'*

The project aims to provide high performance by modifying the Wiener filter. The PSNR value obtained were high and are used in biomedical images. It was implemented in Matlab.

- **KPIT Innoways project:** *'Traffic signal information using electric imp'*

In this project, Electric Imp was used to receive traffic signal information in automobiles, by displaying the information on LCD. Traffic signal simulation was done to show vehicle drivers, information regarding signal time left, in every direction at a traffic signal. The programming language used was "C-based Squirrel".

## Technical and Personal skills

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- **Programming Languages:** Proficient in: C, C++,  
Also basic ability with: C#, Squirrel.
- **Operating Systems:** Linux, Windows.
- **Industry Software Skills:** Matlab (Intermediate), ns-3 (Intermediate), SCCM (Intermediate), Visual Studio 2010
- **Version Control:** Github.
- **General Business Skills:** Good communication skill, presentation skill, and ability to work well in a team.

## Technical Achievements

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- Scored **99.72 percentile (AIR 359)** in GATE 2016.
- Won the **ACE award for the Best Team** at Microsoft IGTSC during FY 15 H1, as part of SCCM team.
- Project "Traffic signal information using electric imp" selected in **top 5** projects for **KPIT INNOWAYS project competition** during the year 2012-2013.
- Won **2nd Prize in C-Contest** organised by CSE dept, BVBCET in 2013.
- Presented paper on "Mobile Agents and Applications" at the National Level Tech Fest- Pleiades 2012.
- Won 2nd prize in Fun'oMetry (coding, quiz and team competitions) held during Pleiades 2011.

## Extra-curricular activities

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- Organised an event "CREAZION" for the first year students and also volunteered during National Level College Fest- Pleiades 2012.
- Volunteered at LEaders Accelerating Development (LEAD) program, Deshpande Foundation, Hubli for social causes.
- Part of NITK Cricket team, which finished as Runners-Up in the "Professional Cup 2017", held in Mangalore.
- Part of the BVBCET Cricket team which finished as Winners at VTU Zonal cricket championship and Runners-up in the VTU Inter-Zonal Cricket Championship during the year 2010-11.
- Was elected the Head Boy for school during the year 2007-08.

## Links

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- LinkedIn: //arjun-rao
- Github: //arjun10792