# Tejeshwara B M

Computer Science and Engineering

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## EXPERIENCE

### Accenture, Bangalore — *Senior Software Engineer*

Oct 2012 - June 2016

Worked as Analyst and an SME for troubleshooting various telecom modules.

With the knowledge of visual basics and shell scripting, I have automated operational tasks which helped to reduce the manual intervention.

## EDUCATION

### NITK, Surathkal — *M.Tech*

July 2016 - Present

Computer Science,

Grade(CGPA): **8.50**

### UVCE, Bangalore — *B.E*

July 2008 - June 2012

Computer Science and Engineering,

Aggregate Percentage: **71.81**

## INTERNSHIP

### Vision Based Application Development — *VIDATT, Bangalore*

June 2017 - Present

This Project is on visual analytics in start up company placed in Bangalore. Working on supervised face detection project on the basis of machine learning algorithms with deep learning feaures. Developing algorithms for surveillance camera for detecting human faces and their identification, crowd searching, tracking and much more.

## SKILLS & INTEREST

ns-3, VBA
MIPS, x86
Openstack
multi2sim
LATEX, Git
Machine Learning
Deep Learning

## AWARDS

**Stellar award,** received on the section of Best Performer for FY15 – Q1.

Was a part of 20 members team which received prestigious DIIP award in "**Best cost to serve optimization**" category.

Received Two times individual award in the **Star of the month** category

## LANGUAGES

Programming in C

C++

Python

## ACADEMIC PROJECTS

### MADPIE AQM — *ns-3 Implementation*

August 2016 - November 2016

Maximum and Average queuing Delay with Proportional Integral controller Enhanced (MADPIE) is an extension of PIE, that adds deterministic packet drops at controlled intervals. This Active Queue Management(AQM) algorithm makes less dependent on RTTs in lightly multiplexed scenario and reduces queuing delay.

Project is available on git: https://github.com/Tejeshwarabm/MADPIE

### Intelligent Web proxy caching approaches based on machine learning technique— *python*

Feb 2017 - April 2017

This project is used to enhanced the performance of web proxy cache for the replacement technique, by using machine learning technique. It helps in gaining significant improvement over a traditional replacement algorithms.

### Tourism Development — *Data Analysis*

Feb 2017 - April 2017

This project address the problems to improve the tourism development with proper data analysis procedure in the fields of Leisure, Recreation, Tourism, and Hospitality (LRTH). The scope of the project include behavioral models(quantitative-qualitative), decision making techniques and procedures with performance evaluation.

### Performance evaluation of TCP Westwood and Westwood+ in Multirate 802.11 — *ns-3 Implementation*

Mar 2017 - May 2017

TCP Westwood and Westwood+ are TCP extensions proposed mainly for wireless networks. This project aims to evaluate the performance of TCP Westwood and Westwood+ in the presence of Rate Adaptation Algorithms such as ARF, AARF, RBAR, ONOE and Minstrel.

Project is available on git: https://github.com/Tejeshwarabm/Westwood

## LEADERSHIP ACTIVITIES

**Lead,** initiated, Organized and performed team building activities for my past organization for the occasions like Outing, Weekly activity etc

**Initiated** and Organized many social activities like blood camps through Senior student association.

**Captain** of the high school Kabaddi team and a member of the cricket team.

**Placement Coordinator** for this academic year in NITK, Surathkal.

## PROFESSIONAL PROFILE

Was recruited by Accenture during campus selection process in the year 2012.

Completed Trainings in C, C++, SQL, Unix, C#

Was given an additional responsibility of leading 20 folks team ensuring all deliverables run smoothly.

Received an appreciation from client and onshore team for handling transitional work in a quicker delivering.

The past team management was assisted in completing the tree diagram with my additional responsibility.

**Tools Used**

Siebel CRM tool

BMC Remedy

Toad

SQL Developer

Putty

EHC console

Macro

Torch

## DECLARATION

I do hereby declare that the particulars of information and facts stated above are true and correct to the best of my knowledge and belief.