

FACULTY PROFILE

VISHAL RATHOD

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SUMMARY OF EXPERIENCE :

- Having **12 years** of work **Experience** in **Teaching**.
- **2+ years** of work **Experience** as **Service Engineer**.
- **3+ years** of **Experience** in **IT Company**.
- **Exposure** to **Software Development Life Cycle**.
- **Profound** Knowledge in **Software Testing Life Cycle**.
- **Exposure** with **Test Case Design Techniques**.
- **Exposure** with **Bug Life Cycle**.
- **Exposure** with **SQL**.
- Installation of **Biometric** devices for **Time & Attendance** and **Access Control Systems**.
- **Ability** to **Work** in **Team** and **Independently**.

WORK EXPERIENCE :

- **Working as Lecturer in Computer Science Department at S.S.Margol College.**
<http://www.ssmargolcollege.org> [Aug 2014 to Till Date]

S.S.Margol College was only the third biggest higher co-education centre in Gulbarga district and was the only college established in the rural area of the district. In the year 1967 the institution was inaugurated under the banner of H.K.E Society Gulbarga by Sri.M.S.Gurupadaswami, Hon'ble minister for Food, Agriculture and Co-operative, Govt of India on 14th September 1967.

Within five decades of proven existence, enjoyed good reputation for imparting education in Arts, Science and Commerce. It has well built infrastructure facility with a central library having about 30 thousand volumes of various subjects. The laboratories are well equipped with latest instruments.

- **Worked as Software Test Engineer at Qualsoft Systems Pvt. Ltd.**
<http://www.qualsofttech.com> [March 2011 to October 2013]

Qualosft's vertical focus includes Education, Healthcare, Hospitality, Financial Services and Government sectors. Qualsoft's service portfolio also includes business and technology services comprising of IT consulting, Application Development, Software Testing, Data Warehousing and Business intelligence.

➤ **Worked as Service Engineer at Tejus Technologies, Bangalore**

[July 2008 to February 2011]

Tejus Technologies is tied with Jaypeetex Engineering Pvt Ltd, (<http://www.jaypeetex.com>) the company concentrating deeply in Manufacture & Sales of its own Finger Print Scanner, RF ID Readers. And providing complete solutions for Access Control Systems, Automated Time & Attendance, Payroll & Visitor Pass Software.

And System Integration of Various Biometric & Access Control Systems.

EDUCATION QUALIFICATION :

- **M.Sc in Applied Electronics from Gulbarga University, Gulbarga, Pass out in the year 2008 with 61%.**
- **B.Sc (Physics, Mathematics & Electronics) from S.S.Margol College, Shahabad, Pass out in the year 2006 with 61%.**

CERTIFICATES :

- Completed the **DGCA-Approved Remote Pilot Course in Category: Rotorcraft VLOS, Class: Small** Conducted by **Drone Destination** at ISPL Training Academy, **Belagavi Base, Karnataka** from **25-11-2024 to 09-12-2024, UINNO: UA00K2DS0TC**
- Completed **P.G.D.C.A** Course with Secured “A+” grade at **Vijay Computer Education Center** in the year **2013**.
- Completed one year Certificate Course in **Electronics** with “A” Grade from Matoshri Education Society’s Technical Training Institute in the year 2003.

OTHER ACTIVITIES :

- Having **N.C.C ‘B’** Certificate from **35 Karnataka Bn NCC, Raichur** in the year 2000.
- Certificate of “**Appreciation**” for **coordination** of organizing **workshop** for students on “**Website Designing**” by RoboKart and Innovation Cell IIT Bombay.
- Certificate of “**Appreciation**” for coordination of **NPTEL-Soft Skills Training Program** from 25th to 30th November 2024, by **NPTEL, IIT Madras**.
- **Website** designed and Maintaining for **S.S.Margol College, Shahabad**
<http://www.ssmargolcollege.org>
- **Website** designed and Maintaining for **Drawing Artist Shri. Nagure.K.S, Shahabad**
<https://nagureks.co.in>
- **Website** designed and Maintaining for **Karnataka Degree College, Bhankur**
<https://karclgbhankur.org>

SKILL SUMMARY :

Operating Systems : Windows XP, Windows 7, 8, 10.

Programming Languages : C, C++, COBOL, Visual Basic, HTML5

Database : SQL Server 2005, 2008 R2, MS Access

SEMINAR / WORKSHOP / CONFERENCE:

- Participated in NAAC Sponsored Two Days **National Conference** on **“NEW DIMENSIONS AND APPLICATIONS OF NAAC/IQAC”** held on **26th and 27th December 2018**, **jointly Organised** by **NAAC Bangalore** and **IQAC** of the **M.S.Irani Degree College of Arts, Science & Commerce, Kalaburagi** at College Auditorium Hall.
- Participated in NAAC Sponsored Two Days **National Conference** on **“Quality Assessment, Enhancement and Sustenance in Higher Education : in the light of New framework of NAAC”** held on **22-23 February 2019** at **B.V.Bhoomaraddi College of Arts, Science and Commerce, Bidar**.
- Participated in **“NPTEL SWAYAM” Workshop** conducted on **26th July,2019** by **IIT Madras, Chennai**.
- Participated in NAAC Sponsored Two Days **National Seminar** on **“SENSITIZATION OF CHANGING PERSPECTIVES IN NAAC ASSESSMENT AND ACCREDITATION PROCESS”** held on **13th and 14th September 2019**, Organized by **Smt.Veeramma Gangasiri Degree College for Women, Kalaburagi**.
- Participated in **DST Science and Engineering Research Board (SERB)** sponsored Two days **National Seminar** on **“IMPACT OF GREEN CHEMISTRY ON BIODIVERSITY AND ENVIRONMENTAL CHALLENGES (IGCBE-2019)”** held on **20th and 21st September 2019**, Organized by the Department of Chemistry, **S.S.Margol College of Arts, Science and Commerce, Shahabad, Kalaburagi, Karnataka**.
- Participated in the webinar **“Post COVID-19: Science and Technology”** organized by **SRM University-AP**, in association with India’s national newspaper, **“THE-HINDU”** held on **29th May 2020**.
- Participated in One Week Remote **Faculty Development Program** on **“ARDUINO”** organized by Department of Electronics and Communication Engineering, **G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, Vallabh Vidyanagar (Gujarat)** in association with **Spoken Tutorial, IIT BOMBAY** during **8th to 13th June 2020**.
- Participated in the **NPTEL E-Awareness Workshop** on **May 17, 2022** Organized by **NPTEL, IIT Madras**.
- Participated in **One day Workshop** on **“NAAC Awareness”** Programme in collaboration with **National Assessment and Accreditation Council, Bengaluru**, held on **29th August, 2022**. The workshop was organized by the Internal Quality Assessment Cell (**IQAC**), **Gulbarga University, Kalaburagi**.
- Participated in **One day Orientation Programme** on **“Employability Skills”** held on **18th Nov 2023**, Organized at Department of Post Graduate Studies and Research in Computer Science, **Gulbarga University, Kalaburagi**.
- Participated in the **“NEP 2020 Orientation & Sensitization Programmed”** under **Malaviya Mission Teacher Training Programme (MM-TTP)** of University Grants Commission (UGC) Organized by UGC – **MMTTC, Maulana Azad National Urdu University, Hyderabad** from **18th to 28th December, 2023**.

- Participated in the “**Online Workshop on Data Analytics & AI**” organized by **Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut** in association with **ipshr solutions limited** on **15th June 2024**.
- Participated in the one day Faculty Development Programme on “**New Methodology of NAAC Binary Accreditation System**” at **S Nijalingappa Institute of Dental Sciences & Research Kalaburagi**, on **3rd January 2025**.
- Participated one day Workshop on “**Swayam – NPTEL Awareness Program**” at **PDA Auditorium, SAC Building, PDA College of Engineering Campus, Kalaburagi** on **6th January 2025**.

IMPORTANT POSITIONS:

- Working as ***IT Coordinator*** for **S.S.Margol College**
- Working as ***Nodal Officer, AISHE*** **S.S.Margol College**
- Working as ***Nodal Officer, NIRF*** for **S.S.Margol College**
- Working as ***Examiner (Paper Valuation)*** for **B.Sc** in subject of **Computer Science**, since **July/August 2021** Examination held in **November 2021**, at **Pareksha Bhavan, Gulbarga University, Kalaburagi**.
- Working as ***Institute Representative***, Representing ***IIT Madras*** on official duty as an Examination Observer to enable the conduct of the ***centre-based NPTEL exams*** at **Gulbarga Exam Centre, Kalaburagi, Karnataka – 585105**. Link: https://ssmargolcollege.org/activities/achievements/NPTEL_IR_Duty_Principal_Letters.pdf
- ***Translated*** the files of the ***NPTEL*** course ***Artificial Intelligence : Search Methods For Problem Solving (106106126)*** offered by ***IIT Madras*** in ***Kannada*** language, ***Hours Translated: 6.5***, Date: **04-08-2023**.
- ***Translated*** the files of the ***NPTEL*** course ***Programming, Data Structures and Algorithms (106106127)*** offered by ***IIT Madras*** in ***Kannada*** language, ***Hours Translated: 6.75***, Date: **04-10-2023**.
- ***Translated*** the files of the ***NPTEL*** course ***Database Management System (106105175)*** offered by ***IIT Kharagpur*** in ***Kannada*** language, ***Hours Translated: 5.25***, Date: **31-10-2023**.
- ***Translated*** the files of the ***NPTEL*** course ***Introduction to Machine Learning (106105152)*** offered by ***IIT Kharagpur*** in ***Kannada*** language, ***Hours Translated: 5.25***, Date: **15-02-2024**.

Project_# 1

Duration : Mar 2012 To May 2014

Project Name : eSchool (A Complete ERP School software)
Tools : Manual Testing
Environment : Vb.Net, SQL server 2005, 2008-R2

Description:

eSchool is an ERP based software product. Which is the core product of **Qualsoft** and it caters services to the clients that are schools those delivers the best education in the society. eSchool proves to be very handy in the overall management of the schools. The modules that govern this software completely meet all the aspects of the requirement to run a school. Integrated with biometric devices to track attendance and send SMS.

eSchool is designed and developed after consultations with various schools heads and educationists exclusively to fulfill each and every need of the schools. The main objective of eSchool is to automate the administration process effectively.

Project_# 2

Duration : Mar 2011 To July 2013

Project Name : eLibrary (A Library management software)
Tools : Manual Testing
Environment : Vb.Net, SQL server 2005, 2008-R2

Description:

eLibrary is a complete Library management software product of **Qualsoft**. eLibrary is very helpful in managing all the transaction performed in a library. It includes different modules for Members Registration, Book entry, Book Bank, Weekly book issue/return, Reading room, Book Binding, News paper and Magazine, Access right, Search engine. Integrated with biometric device and Barcode Scanner, so that Issue/Return can be done without manual interface. Based on these modules user can view different reports.

eLibrary includes features for Sending SMS and E-mails.

Project_# 3

Duration : Aug 2012 To Mar 2013

Project Name : PromisePoints (www.apps.facebook.com/promisepoints)
Tools : Manual Testing
Environment : MVC 3, SQL Server 2008 R2

Description:

PromisePoints is a social **task management systems** application, which is connected to facebook. On facebook we can send request to friends to join Promise Points and assign tasks for them.

Promisepoints helps us organize our life's tasks, We can share them with our friends, keeps motivated by earning points by completing our own life's goals. We can also create rewards for our shelf.

We can assign a task for us and get a points and rewards, like **social tasks**, **Physical tasks** and **Intellectual tasks** and complete the tasks and increase the points for **Experience**, **Skills** and **Karma** Points.

Every task includes **Tags** (Intellectual, Physical & Social), **Difficulty Type** (Easy, Medium & Hard), **Task Repeats** (Never, Daily & Specified Days), **Expiry date** and **notes**.

Project_# 4**Duration :** Dec 2011 To July 2012

Title : **Compare my Pay Calculator** (www.comparemypay.com)
Tools : Manual Testing
Environment: MVC 3, SQL Server 2008 R2

Description:

The **Compare My Pay Calculator** is built upon a Standard of Living Based Concept. It allows you to **compare** your entire standard of living, rather than only **comparing salary numbers**. When deciding on a **new job** in a **new location**, you should learn as much as you can, not only about the salaries of that area, but also about the **expenses**. You need to determine if your new location will lower certain things that you are now used to having as a standard of living.

The compare my pay **calculator** will allow you to enter your own **personal expenses**, rather than use an unknown **industry index** (indexes are available for use as reference). This will allow you to truly make your own **breakeven salary** based on your own individual standard of living. Now, you will be able to back up your salary expectations with facts and figures and bring the **HR department** back to the negotiation table.

Project_# 5**Duration :** Apr 2011 To Oct 2011

Title : Set-Top Box (Pairing De-Pairing Utility)
Client : **Videocon Trend, Aurangabad**
Tools : Manual Testing
Environment : Vb.Net, SQL server 2005

Description:

Set-Top Box (Pairing De-Pairing Utility) is used for Pairing and De-Pairing of CSSN (Chip Set Serial No.), STBSN (Set Top Box Serial No.) and SCSN (Smart Card Serial No.) during the Production of Set-Top Box.

Pairing is done by scanning the barcode labeled on the **Chip Set, Set Top Box and Smart Card**.

Projects Undertaken In Tejus Technologies :-**Project_# 1****Duration :** June 2009 To Nov 2009

Project Name : Temperature and Humidity Display
Client : **Robert Bosch, Coimbatore**
Environment : Vb.Net

Description:

Temperature and Humidity Display is the Microcontroller Based 4", 7 segment LED Display, which displays the Temperature and Humidity of the current environment, Uses Dedicated sensors to read Temperature and Humidity of the Environment, Readings of the Temperature and Humidity can be downloaded to the computer system.

The GUI provided is, To Communicate with the Temperature and Humidity display unit through Ethernet Interface, to download data automatically from the Temperature and Humidity display unit.

Project_# 2**Duration :** Aug 2008 To Mar 2009

Project Name : Digital Clock Display
Client : **Robert Bosch/RBAI**, Bangalore
Environment : LabVIEW 2.0

Description:

Digital Clock is the 4", 7 segments LED Display clock Based on Microcontroller, which shows the Hours and Minutes with Blinking LED to indicate second, Unit has Ethernet Interface to communicate to the outside world.

The GUI provided is, To Communicate with the Digital Clocks and set/read Time from the PC, to adjust the Intensity of the display, To set the clocks to show the timing of INDIAN, GERMAN, UK, USA etc. 300 units are operated by the system.

Project_# 3**Duration :** Aug 2008 To Jan 2011

Project Name : Biometric and Access Control Systems
Environment : SQL Server 2005, MS Access, Vb.Net

Description:

Identification is the key word to Security. Biometrics technology is now widely accepted worldwide as the only means available for verification / authentication of an individual's identity – be it fingerprints, hand geometry, face / iris / or voice recognition.

Hand geometry along with fingerprints are well established in the arena of Access Control and Time and Attendance, now easily accepted as a sure means of verification or identification and subsequent generation of data for further processing and reporting.

PERSONAL DETAILS:

Name : Vishal Rathod
Father's Name : Deva Rathod
Gender : Male
Date of Birth : 20-06-1981
Marital Status : Married
Nationality : Indian
Religion : Hindu
Languages Known : English, Hindi, Kannada and Marathi
Passport No. : Y1167865
Pan Card No. : FUUPR2517C

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