






# Vishal Katti

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***Business Analytics Advisor / Data Analyst / Tech Blogger/ Part-time Freelancer  
qualified by 11+ years of techno-functional experience in professional settings***

## SKILLS / TOOLS SUMMARY

Data Cleansing, Feature Engineering, Data Modelling, Visualizations, and Data Analytical Reporting

## Tools used

R Programming, Python, Databricks with Apache Spark, MS Excel, PowerBI, PowerQuery

Version Control

Git/Github/Gitlab

VBA Macros, Userforms, Add-ins

MS Excel, Word, Outlook, PowerPoint

Periodic Status Reports

SAP Business Objects, MS Excel, Word, PowerPoint

Basic PL/SQL Queries & Reporting

SSMS, MS SQL Server, MS Access

Requirement Documentation and Change Request Management

MS Word, Rally for Agile, Confluence.

Mockups, UI and Usability Design

Balsamiq Mockups for Desktop, MS Visio, MS PowerPoint

Process Improvement

PDCA, Lean Six Sigma

## Latest Feedback from Mindtree Ltd. Client *(Some parts redacted to preserve confidentiality)*

Hi Vishal,

*I am enjoying working with you. I find you communicate well & are always prepared to ask good questions and challenge/disagree where needed. I see you as a safe & thorough pair of hands who can be relied on to deliver and does not need constant supervision and oversight: simply the expected peer-to-peer reviews necessary in any complex data project.*

*You have dealt very well with a wide range of new technology, tool, process and standards w.r.t. ■■■■■ ■■■■■; picking things up very quickly with minimal fuss. Despite this - and having to cover a lot of tech work without support after ■■■■■ left - you have continued to just get things done in a "self-starting" way.*

*We have been focusing a lot of our effort on tracking status of data, identifying failures, understanding scenarios and working out how to validate a process end-to-end quickly. These will be areas I would suggest you build on in future projects. As an analyst/architect or project manager good things to focus your developers on even if you are not doing the coding yourself.*

*Thanks for all your efforts: much appreciated,*

■■■■■

## CAREER HIGHLIGHTS

- Received 7/7 performance rating from Mindtree Ltd. client for 3 consecutive quarters, recognized for high work quality and reducing project costs by suggesting better alternatives.
- Open-Source Contribution: Jan 2022: Extended conditional formatting feature and fixed Issue #179 in R package {openxlsx} via Github pull request. (<https://github.com/ycphs/openxlsx/pull/311>)
- Open-Source Contribution: Apr 2021: Added new conditional formatting feature to R package {openxlsx} via Github pull request (<https://github.com/ycphs/openxlsx/pull/166>)
- Received Star of the Quarter within 6 months of joining ExxonMobil for streamlining the reporting process.
- Automated a Monthly Corporate Stewardship Process eliminating the need of 3rd party tool saving annual licensing cost of ~USD 50K for ExxonMobil
- Automated data collection and cleansing for Data Analysis for Cisco project using Excel VBA. Received Customer appreciation for same.
- Automated a report for SOC project using Excel VBA for Alert Analysis with Effort reduction from 8 hours to 5 minutes!!
- Automated Daily, Weekly and Monthly Status Report using SAP Business Objects. Received Customer Appreciation for the same.
- Designed a critical solution in Aug 2015 which enabled TCS Talent Acquisition Group to roll out 66% more Offer Letters to TCS Applicants; thereby reducing Cost of Hire by 35%.
- Received "On the Spot" Award for ensuring TCS Internal IT Department's entry into TATA INNOVISTA 2013. Chosen in

Top 5 entries across the globe.

- Worked on high priority Mobility project for TATA SONS Chairman Office as Functional Consultant/Analyst and Backup Project Manager.
- Worked on high priority Mobility project for TCS CEO Office as Functional Consultant and Backup Project Manager.
- Acted as Process Improvement (PI) Champion for Business Analysis Group – Internal IT.
- Initiated and implemented Trainee Management application, which helps manage around 45K candidates annually.
- Self-learnt, developed and deployed RMA Management stand-alone application (in MS Visual Basic) for DLink India Pvt. Ltd, Verna-Goa as part of 8 weeks internship during BTech Engineering.

## EMPLOYMENT DETAILS

Please see PROJECT DETAILS section for Role/Client-wise work descriptions.

Employer #3 (current)	<b>MindTree Ltd.</b>	<b>Bengaluru</b>
From – To:	1 September 2021 to Present	
Total Experience:	<b>10 months</b>	
Employer #2	<b>ExxonMobil Services and Technology Pvt. Ltd.</b>	<b>Bengaluru</b>
From – To:	11 June 2018 to 30 August 2021	
Total Experience:	<b>3 Years 2 months</b>	
Employer # 1	<b>Tata Consultancy Services Ltd.</b>	<b>Mumbai/Bengaluru</b>
From – To:	27 September 2010 to 8 June 2018	
Total Duration:	<b>7 Years 9 months</b>	

## CERTIFICATIONS

Certificate/Course Name	Issuing Authority	Acquired on	URL
Databricks Certified Data Engineer Associate	DataBricks	21-Jun-2022	<a href="#">databricks_shortlink</a>
R Programming A-Z™: R For Data Science With Real Exercises	Udemy	28-Dec-2017	<a href="#">ude.my/UC-9ZY224B9</a>
The Complete JavaScript Course: Build a Real-World Project	Udemy	07-Dec-2017	<a href="#">ude.my/UC-2Z7RF1SF</a>

## EDUCATION DETAILS

Qualification	Institute	Subject	From	To	%/CGPA
Bachelor Of Technology	NIT (REC) Jalandhar-Punjab	Instrumentation & Control Engineering	01-Aug-2005	15-Mar-2010	6.55
XII - HSSC	Smt. Parvatibai Chowgule College of Arts & Science, Higher Secondary Section, Margao - Goa	Physics, Chemistry, Mathematics	07-Jun-2004	25-Mar-2005	78.06%
X - SSC	M & N English Highschool, Margao - Goa	Physics, Chemistry, Mathematics	06-Jun-2002	28-Mar-2003	89.33%

## PERSONAL DETAILS

<b>Languages Known</b>	English, Hindi, Kannada, Marathi, Konkani
<b>Age</b>	35 Years

**PROJECT DETAILS**

Sep 2021 to Present  
i.e. 9 months

**Technical Architect for Mindtree Ltd for confidential client.**

- Primary responsibilities include managing and coordinating data governance activities across India and UK teams.
- Perform Tech-Lead role to guide and mentor junior developers/analysts.
- Primary contact for Team's technical feasibility studies and Proof-of-Concepts

Oct 2020 till Aug 2021  
i.e. 10 months

**Business Analytics Advisor/Automation Lead for ExxonMobil Operational Excellence – SSHE Data Analytics Group**

- Primary responsibilities include managing and coordinating automation activities across Bengaluru and Houston teams.
- Act as Point-of-contact for business users for process reporting guidance
- Access existing reporting structure and provide suggestions to SSHE Managers to improve their existing data pipelines.

Jun 2018 to Oct 2020  
i.e. 2 years 4 months

**Data Analyst for ExxonMobil Operational Excellence – SSHE Data Analytics Group**

- Primary responsibilities include automation of weekly and monthly reports; and to provide adhoc data analysis reports.
- Training existing analysts to use R for Excel Automation.
- Eliminated 5 redundant reports amounting to 45 person hours per month.

Aug 2017 till Jun 2018  
i.e. 10 months

**Senior Business Analyst/ Data Analyst for TCS project for CISCO INC. LTD Client. Advanced Services Division**

- Primary responsibilities include creation of use case diagrams, process flow diagrams, interaction diagrams for an upcoming Internet of Things (IoT) project
- Trained in IoT implementation by Cisco Inc.
- Ownership of overall data collection, cleansing, manipulation and Input to Cisco's proprietary deal modelling tool.
- Trained in R programming for advanced analytics. Udemey Certification acquired.
- Trained in HTML/CSS/JavaScript as pre-requisite for D3 JS for Data Visualization. Udemey Certification acquired.

May 2017 to Jul 2017  
i.e. 3 months

**Data Analyst for SOC (ITIS) project for CISCO INC. LTD Client.**

- Primary responsibilities include the ownership of overall data analysis and formulating reporting framework.
- Trained 3 associates in Excel and VBA Macro coding.
- Designed Dashboards to be displayed on large screens in the ODC using SAP Business Objects tool

Mar 2017 to Apr 2017  
i.e. 2 months

**Senior Business Analyst for Webex Product Development project for CISCO INC. LTD Client.**

- Primary responsibilities include Requirement Elicitation, Documentation, Process Modelling, Process Analysis, Process Improvements and Reporting.
- Released from project due to Budget constraints.

Jul 2016 to Feb 2017  
i.e. 8 months

**Data Analyst for SOC (ITIS) project for CISCO INC. LTD Client.**

- Primary responsibilities include the overall data analysis and formulating reporting framework.
- Designed a VBA Macro add-in to automate the analysis for Category-wise Host identification for Alert reduction, leading to 95% reduction of alerts in identified hosts.
- Automation for Daily Status Reports using SAP Business Objects Tool.
- Designed a VBA Macro to automate the report for ODC entry-exit metrics for all associates.

Oct 2014 to Jun 2016  
i.e. 1 year 8 months

**Module Lead/ Senior Business Analyst for TCS Talent Acquisition Group (TAG).**

- Primary responsibilities include Project Management, Managing SDLC, Process Improvements, Tools implementation and driving compliance within the team.
- Designed a critical solution in Aug 2015 which enabled client to roll out 66% more no. of Offer Letters to TCS Applicants; thereby reducing Cost of Hire by 35%.
- Primarily involved in Impact Analysis for major overhaul of TCS's Careers Portals.

Mar 2013 to Sep 2014  
i.e. 1 year 6 months

**Functional Consultant/Analyst for TCS Talent Acquisition Group (TAG).**

- Primary responsibilities include Managing SDLC, Process Analysis, Process Improvements, Gap Analysis, Requirement Elicitation, Documentation, Process Modelling, UI & Ux Designing, Tools implementation and driving compliance within the team.
- High priority project awarded to TCS from **TATA Sons Ltd, Chairman Office** for

implementation of a modified version of the Mobility (iPhone, iPad, Blackberry) application delivered to TCS CEO Office. Acted as part of Project Management Team for the same as a Functional Consultant and **Backup Project Manager**.

- Additionally, acting as **PI Champ** and functionally reporting to **OU Process Improvement (PI)** Lead. Responsibilities include training and tracking Six Sigma projects and PI competencies of over 500 associates in TCS-Internal.

Feb 2012 to Mar 2013  
i.e. 1 year 2 months

**Backup Project Manager for Mobility (iPhone, iPad, Blackberry) application for TCS CEO Office.**

- Primary responsibilities included Business Analysis, Project Management and Production Support at L2 level.
- Designed and implemented cloud-based Personal Contacts Management System.

Sep 2010 to Jan 2012  
i.e. 1 year 5 months

**Business Analyst for TCS Learning and Development (L&D) Group.**

- Primary responsibilities include Managing SDLC, Process Analysis, Process Improvement, Gap Analysis, Requirement Elicitation and Documentation, UI & Ux Designing, Change Request implementations and Production Support at L2 level.
- Designed and implemented ILP Training Management System (TCS ILP) for TCS L&D team.

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**06 FEB 2017**

**Marc E.** Bellevue, WA, US

Vishal was fantastic. Quick and responsive he was able to accomplish the task and actually suggested some improvements to the report. Look forward to working with him again.

**22 FEB 2017**

**Rosie B.** London, GB

Vishal did a wonderful job creating a custom workbook for payment claim workflows. He completed the work quickly and to a high quality, communication was also excellent. Very Happy with the end result, I would not hesitate to engage Vishal again.

**06 APR 2017**

**Karen S.** Solon, OH, US

Wow! Vishal got my project done exceptionally quickly and exactly as needed. Thank you!!

**11 JUL 2017**

**Bryan T.** Leicester, GB

Many thanks Vishal, you have done an excellent job for which I am very grateful. You have been able to meet all my requirements and exceeded my expectations of how much we could achieve in a short space of time. The improvements you have made to the performance of the Model are very significant and will reduce both running time and maintenance from the user perspective. Many thanks for a great job.

**07 SEP 2017**

**Bryan T.** Leicester, GB

Vishal has again delivered a really clever solution which makes both the design of a report and the user experience much more elegant. It is very easy to work with Vishal and his work is both thorough and effective. Many thanks...

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