

# Kedar Kulkarni

Pune, Maharashtra

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- A result-driven professional, offering over 17+ years of IT experience including 14+ years in Telecom BSS and 7+ years of relevant experience in Project Management, Business Analysis, Lead Product owner, Solution Architect Role.
- In depth knowledge of Telecom Billing BSS Solution and business applications such as Customer Management, Billing, Mediation for Postpaid, Prepaid and Wholesale platforms.
- Specific strengths and abilities include: In depth understanding of requirements, quality-oriented team player and good client relations.
- Have experience in handling a cross-cultural team of about 15-25 members spread across the globe.
- Responsibilities involved: Project Management, Requirement Management, Requirement Analysis, Solution Architecture, Solution Maintenance, KPI/Metrics Reports for internal/external customer.
- Good learning skills to adapt to rapid changing business and implementing them.
- Dependable to meet high expectations and aggressive deadlines.
- Hands-on experience on various Machine Learning and Deep Learning algorithms. Exposure to various Data Analysis, Data Visualization, Predictive Analysis and Model Building tools. Have sound mathematical knowledge and understanding of machine learning.

## Work Experience

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### **Consultant**

Creospan Solutions Pvt Ltd - Pune, Maharashtra

September 2019 to September 2020

- Consulted for Vodafone Global Operations on the optimization of their operations at various implementations across the globe.
- Studied the implementations and operations and consulted on optimizing the processes, providing solutions to reduce the incidents occurring in their daily operations, automating the things wherever possible and also suggesting rule-based error handling system.
- Designed a product agnostic self-healing engine that will proactively look for issues happening in the system and trigger the pre-defined correction scripts based on the type of issue. This engine would reduce the L1 activities by around 20-30%. And with the knowledge gained over time, it will further be improved to take a major chunk of L1 activities.
- This self-healing engine had ELK for log monitoring and searching error, decision trees to decide which correction script to trigger and a BPMN tool to control activities and flows.
- Being product agnostic tool, it will serve any kind of BSS implementation that Vodafone has. The tool would just need to develop connectors/agents specific to the BSS implementation and it can be used just with this initial setup.

### **Domain Solution Expert (Lead Product Owner)**

AMDOCS DEVELOPMENT CENTER INDIA LLP - Pune, Maharashtra

July 2004 to May 2019

PUNE (14+ YEARS)

Experience: Jul-2004 - May-2019

Key Result Areas:

- Gathering business requirement (BRS), analyzing the same & the impacted applications due to the requirement
- Checking the feasibility at application whether the business ask is doable or not
- Preparing High Level Solution/Impact Assessment document and walkthrough with solution team & client
- Delivering the solution to customer after ensuring the software quality.
- Working in Waterfall and Agile Methodology.
- Playing role of Lead Product Owner.
- Architecting solutions required to address customer requirements, assessed customers' needs and recommended solutions that optimized value for both the customer and the organization.
- Liaising with various stakeholders to Develop the solution, Estimates, Capacity Planning, Performance/SLA Impact, schedules and technical responses to complete the proposal.
- Risk identification and risk management in each release/CR and addressing them.
- Delivering internal project(s) on time, to enhance the effectiveness of the business

Highlights:

- Worked as a Solution Architect in successfully designing and closing complex solution opportunities for various projects.
- Gathered requirements, formulated solutions, documentation, and managing Proof-of-Concepts for select large and complex requirements.
- Prior to this, worked as Developer and Development Team Lead for Customer Management module. Also, worked as Team Lead for Production Support team.

Roles played at Amdocs:

- Domain Solution Expert
- Group Leader
- Sr. Subject Matter Expert
- Subject Matter Expert

**Software Engineer**

In-Reality Software Pvt. Ltd - Pune, Maharashtra  
January 2004 to June 2004

**Customer Support Executive**

Kale Consultants Ltd - Pune, Maharashtra  
October 2002 to January 2004

Education

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**B.E. in Instrumentation and Control**

University of Pune - Pune, Maharashtra  
June 2001

## Skills / IT Skills

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- Languages: Python, C, Pro\*C, Unix Shell Scripting
- Operating Systems: Windows, Linux
- RDBMS: Oracle 11g
- Development Tools: Jupyter, Google Colaboratory, Power BI
- Machine Learning: Linear/Logistic Regression, Clustering, Decision Tree, Random Forest, SVM, XGBoost, NLP
- Machine Learning Tools: Scikit-Learn, NumPy, Pandas, SciPy, Matplotlib, NLTK
- Deep Learning: Keras, Tensorflow, Tensorboard
- Management Tools: JIRA, Rally, Concerto, MS-Project, HP-ALM,
- Methodology: Agile, Waterfall
- Domain: Telecom BSS, Retail Banking

## Online Profile

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<https://github.com/kskulkarnigit>

<https://www.linkedin.com/in/kedar-kulkarni-1980>

## Certifications and Licenses

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### **Applied Machine Learning Course**

October 2020 to Present

AAIC Technologies

### **Machine Learning A-Z™ : Hands-On Python In Data Science**

January 2020 to Present

Udemy

### **Machine Learning**

July 2019 to Present

Stanford University on Coursera

### **UiPath RPA Solution Architect**

September 2019 to Present

UiPath

### **Microsoft Power BI - A Complete Introduction**

October 2020 to Present

Udemy

## Projects / Papers Presented

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## **Kaggle Competition - 'TalkingData Mobile User Demographics'**

<https://www.kaggle.com/c/talkingdata-mobile-user-demographics/overview>

October 2020

### **Objective:**

The competition aimed at building a model predicting users' demographic characteristics based on their app usage, geolocation, and mobile device properties. Doing so will help millions of developers and brand advertisers around the world pursue data-driven marketing efforts which are relevant to their users and catered to their preferences.

### **Project Highlights:**

1. Exploratory Data Analysis, 2. Data Visualization, 3. Data Transformation, 4. Model Building, 5. Finding Best Model, 6. Hyperparameter Tuning, 7. Predictive Analysis

### **Technical:**

1. Python, 2. Classical ML Algorithms such as KNN-Logistic Regression-Random Forest-XGBoost, 3. Deep Learning Algorithms using Keras

### **Tools Used:**

1. Jupyter, 2. Google Colaboratory, 3. Tensorboard

### **Results:**

LogLoss was used to measure the performance of the model.