

Kedar Kulkarni

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SUMMARY

- ✎ 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.



TECHNICAL SKILLS

- Languages : Python, C, Pro*C, Unix Shell Scripting, DAX
- Operating Systems : Windows, Linux
- Databases : Oracle 11g, MySQL
- Development Tools : Jupyter, Google Colaboratory, Power BI, Xtra-C, TUXEDO
- 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, Github
- Methodology : Agile, Waterfall

DOMAIN EXPERIENCE

- Telecom BSS – Billing, Customer Service Management
- Retail Banking

PROFESSIONAL PROFILE

ARYA ENTERPRISES – PUNE

Role : Data Visualization and BI Consultant
Engagement : Consultant (Contract)
Duration : Nov-2020 – Dec-2020
Technology Stack : Self Service BI, MSBI, Power BI, DAX,
Customer : Italian 2-Wheeler and 3-Wheeler Manufacturing Company

Job function:

- ✎ Data Aggregation from various sources into in memory data warehouse and visualization of data for CIO dashboard.
- ✎ This dashboard, in phase 1, essentially contains Sales Data and in subsequent phases will contain the production and manufacturing parts data.
- ✎ The objective is to be able to take decision system.
- ✎ The learning from the Kaggle competition proved useful here to analyze aggregate and represent/visualize data around various facets and personas.

PARTICIPATION IN KAGGLE COMPETITION

Role : Kaggle developer for Kaggle Competition.
Project : TalkingData Mobile User Demographics
Technology Stack : Python, Jupyter, Google Colaboratory, Tensorboard
Classical ML Algorithms such as KNN-Logistic Regression-Random Forest-XGBoost, Deep Learning Algorithms using Keras
Engagement : Self-Motivation for upskilling during the COVID period. Always aspired to get better at AI/ML and whole gamut of data science and this lockdown period gave me opportunity to upskill.
Duration : Sep-2020 – Oct-2020 (Corona Period)

- ✎ 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.
- ✎ Some of the project highlights include 1. Exploratory Data Analysis, 2. Data Visualization, 3. Data Transformation, 4. Model Building, 5. Finding Best Model, 6. Hyper-parameter Tuning, 7. Predictive Analysis

CREOSPAN SOLUTIONS PVT. LTD. – PUNE (1 YEAR)

Role : Solution Designer
Engagement : Consultant (Contract)
Duration : Sep-2019 – Sep-2020
Technology Stack : Camunda BPMN, ELK (Elastic Search, Logstash & Kibana),
Customer : Calsoft - Vodafone
Project : Operations Process Optimization

Job Function:

- ✎ Consulted for Vodafone Global Operations on the optimization of their operations at various implementations across the globe.

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- ✍ 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 Stack 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.

AMDOCS DEVELOPMENT CENTER INDIA LLP – PUNE (14+ YEARS)

Role : Domain Solution Expert (Lead Product Owner)
Engagement : Full Time
Duration : Jul-2004 – May-2019
Technology Stack : C, Linux, Oracle, Tuxedo, Pro*C, Unix Shell Scripting
Customer : Sprint, TMobile-US, Bell Canada

Job Function:

- ✍ Business requirement Gathering: Requirements gathering, management and analysis.
- ✍ Feasibility Analysis: Checking the feasibility at application level whether the business ask is doable or not
- ✍ Solution Design: Preparing High Level Solution/Impact Assessment document and walk-through with solution team & client
- ✍ Solution Delivery: Delivering the solution to customer after ensuring the software quality.
- ✍ As a Lead Product Owner was responsible for
 - 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
 - Gathering requirements, formulating solutions, documentation, managing Proof-of-Concepts for select large and complex requirements.
 - Leading development and support team for highest client satisfaction

Roles played at Amdocs:

- ✍ **Domain Solution Expert** – Jan-2016 to May-2019.
- ✍ **Group Leader** – Dec-2007 to Dec-2015.
- ✍ **Sr. Subject Matter Expert** – Jul-2006 to Dec-2007.
- ✍ **Subject Matter Expert** – Jul-2004 to Jul-2006.

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IN-REALITY SOFTWARE PVT. LTD. – PUNE (5 MONTHS)

Role : Software Engineer
Engagement : Full Time
Duration : Jan-2004 – Jun-2004
Technology Stack : Crystal Reports, UNIX
Customer : CrystalReports, BusinessObjects

KALE CONSULTANTS LTD. – PUNE (1 YEAR 3 MONTHS)

Role : Customer Support Executive
Engagement : Full Time
Duration : Oct-2002 – Jan-2004
Technology Stack : C, UNIX, Informix
Customer : Bank of Maharashtra, Punjab National Bank

EDUCATIONAL BACKGROUND

B.E. (Instrumentation and Control) – University of Pune (June-2001)

CERTIFICATIONS/ COURSES

Applied Machine Learning Course of AAIC Technologies
Machine Learning A-Z™: Hands-On Python In Data Science Udemy
Machine Learning by Stanford University on Coursera
UiPath RPA Solution Architect by UiPath
Microsoft Power BI – A Complete Introduction by Udemy

STARTUP ASSOCIATIONS

Pro bono - Working and mentoring with Indiza Aerotech Pvt Ltd for their drone related explorations. Drone related exploration for Asset Management and Monitoring (Old Heritage sites and structures), Green cover of forest (Comparative study of last year vs current year). Future Plan: Lidar based data explorations.

ADDITIONAL INFORMATION

Permanent Address: 603, Yamunashree, Opp. P L Deshpande Garden, Sinhgad Road, Pune – 411030.
Date of Birth : 19-Apr-1980