HARSHAL TALMALE

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Core Competencies

- Python
- Machine Learning
- Oracle SQL/PLSQL
- Team Management
- Project Management
- Data Analytics

Education

- **BE in Computer Technology |** KDK College of Engineering | 2005 -2009

- **HSSC in Science (12th) |** Rajendra Jr. College | 2003-2005

- **SSC (10th) |** New Apostolic English High School | 2003

Awards

- Certificate of appreciation from cognizant for **GenC Jury.**

- Certificate of appreciation from cognizant for **OSP Horizontal Leadership**

- Certificate of appreciation from Cognizant for **Mentoring students at the Digital Nurture Technoverse Hackathon**

- Published thoughts in Project Newsletter on **AI in Document Processing**

Certifications

- Certificate of attended **SSDA2021** Conference conducted by Lulea University of Technology, Sweden on **Document analysis using Artificial Intelligence.**

- Certified Specialist on **Oracle Machine Learning using Autonomous Database**

- Certification on **Machine Learning from Stanford** by Andrew Ng

Personal Details

- **DOB:** 26-08-1987

- **Marital Status:** Married

- **Languages Known:** English, Hindi, Marathi

- **Address:** A-806, High Mont Society, Hinjewadi Ph -2, Pune -411057

Profile Summary

- Over 13+ Years of extensive IT experience in Data Science, Database, Software Development & Change Management, System & Data analysis, Team management with end-to-end project management & implementation.
- Proficient in writing code in technology like Python, Pandas, development of Machine Learning Models, Oracle SQL/PLSQL Database, Oracle Forms and Reports, Linux/Unix commands.
- Orchestrated the creation of MVP models for existing and new customers, resulting in an additional million dollars in revenue.
- Responsible for various organizational activities such as Gen-C recruitment and training, Lateral interviews & hiring and resource allocation in various project by communication with TSC (Talent Supply Chain) Team.
- Responsible for working with clients and stakeholder for getting project requirements and delivery of the projects.

Work Experience

Manager – Projects | Cognizant Technology Solutions, Pune | Mar-2018 – Present

- Spearheaded the development of sophisticated Client Loyalty Model, Advisor churn modelling for Insurance client based out of USA.
- Constructed an XGBoost model and Random Forest model on different data source for training and validation of model V1 and V2 to maintain healthy client base to run financial advisory practice.
- Build a Minimal Viable Product (MVP) machine learning model that
  1) predicts which clients are at risk of a large outflow and
  2) Identifies key churn risk factors.
- Ensured adherence to the company policies, procedures, and standards, maintaining the depth and rigor required in model validations.
- Tools Known: Spyder, Jupyter Notebook, AWS docker code implementation.

System Analyst | Atos India Pvt. Ltd., Pune | Aug-2014 - Feb-2018

- Responsible for creating Intake Report and Work Breakdown report based on SBL Document (Solution Blue Print) and DMCS Document (Data modelling changes).
- End-to-End knowledge of project development using Scrum/Agile Methodology.
- Discussion with customers and Stake holders to decide the roadmap of changes and time estimation of RFCs with timely delivery.
- Responsible for Oracle upgradation from version 11g to 19C.
- Automation of user interface screen from manual entry to bulk load using webutil and sql loader resulted to soft dollar saving includes cost saving 6325$ a year and time saving 275 hours a year.

Software Engineer | Tech Mahindra Ltd., Pune | Nov-2013 - Jul -2014

- Responsible for creation of automation script to automate data migration of BT&T Telecom data from csv , excel , text data to Oracle Database.
- Responsible for Normalization of database by defining table structures, Creating procedure, function , triggers.
- Preparation of analytical reports , MIS reports as per business requirement.
- Achieved a cost reduction of over 5 full time resource per day by automating manual efforts.
- Technology and Tools Used: Oracle Database 11g , Toad ,Linux commands.

Sr. Software Developer | Virtual Galaxy Infotech Pvt. Ltd., Nagpur | Aug-2010 – Nov-2013

- Responsible for development of User interface screen, database objects to develop ERP software for Manufacturing industry.
- Development of various Master screens, Master Detail Screens, Transactions screens, Tabular report, Group above reports, Matrix reports in PDF, XLS, CSV and text format.
- Development of database objects like writing complex queries, Analytical queries, Procedure, Functions, Packages, Triggers, Indexes, and other database objects.
- Technology and Tools Used: Oracle Database 11g, Oracle Forms and reports 11g, Toad, PLSQL Developer, Linux Sever, Fusion middleware, OC4J Instance.