

Karthik Kancharla

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SUMMARY

Have 8 yrs. experience in Quality Assurance. Versatile individual with experience collecting, transforming, and organizing data for analysis to help make informed decisions. Excellent understanding and proficiency of platforms for effective analysis, including SQL, spreadsheets, Tableau, R and Python. Strong communication, organizational and analytical skills. Currently pursuing PG Diploma in Data science.

TECHNICAL SKILLS

Tools/Languages: R, Python, SQL, Tableau, Postman

Database: Oracle 9i/10g/11g, MS SQL Server, MySQL

Statistics/ML: Linear/Logistic Regression, Ensemble Trees, Gradient Boosted trees, Hypothesis Testing, Inferential Statistics

MS Excel (Advance)

DATA SCIENCE PROJECTS

Credit Card Lead Prediction | Analytics Vidya: Python | May '21

- Objective: Happy Customer Bank wants to cross sell its credit cards to its existing customers
- Solution: Designed **Random Forest models** to predict if a customer will take the credit or not
- Key Achievement: Developed a model with an **AUC score of 82%**

Bike Share Data Analysis | Coursera: R | Apr '21

- Objective: A Bike Share Company wanted to Maximize number of Annual Memberships
- Solution: Performed EDA to provide offers to the Bikers where more likely to hire a specific bike on a particular day and time

Housing Company Regression Model Using Regularization | Upgrad: Python | May '21

- Objective: A US-based housing company enters into Australian Market want to purchase houses at low price and sell them at high price
- Solution: Designed **Regression model using Regularization** in order to predict the actual value of the prospective properties and decide whether to invest in them or not
- Key Achievement: Developed a model with an **AUC score of 89%**

PROFESSIONAL EXPERIENCE

Quality Engineer Analyst

Nov '18 - Present

ValueLabs

Hyderabad, IN

ZYTO bio communication helps practitioners and entrepreneurs make better wellness choice

Roles & Responsibilities

- Automated RestFull Service Methods using JavaScript
- Data Visualization Using Postman tool
- Raise defects, follow up, prioritize, retest and close using JIRA 7.0.3
- Signing off final build before pushed to production
- Attended Daily calls with onshore, to keep the ground updated on any issues and followed up till closure

Senior Analyst

Oct '16 - Oct '18

Deloitte

Hyderabad, IN

User On-boarding API Automation Testing

Roles & Responsibilities

- Created test plan, test scripts and test data as per the requirements
- Automated Soap Services using SOAPUI Tool
- Raise defects, follow up, prioritize, retest and close using TFS 2015
- Generated Test reports in HTML using Newman Tool

Software Test Engineer

Dec '15 - Oct '16

Technosoft

Hyderabad, IN

Global Advantage Net Pay Calculator

Roles & Responsibilities

- Analyzed & studied various Project artifacts such as Business Requirements, System Requirements and execute manual test cases for testing applications on supported browser combinations
- Reviewed Test cases and conducted peer reviews with the Team
- Raise defects, follow up, prioritize, retest and close using TFS 2015

Associate Test Engineer Jun '11 - Jul '13

Applabs Hyderabad, IN

ERA/ FARMERS Insurance Group

Roles & Responsibilities

- Generated Test Cases using **eTap tool**
- Executed test cases as per the production release plans

EDUCATION

Post Graduate Diploma in Data Science Oct '20 - Present

IIIT Bangalore & upGrad Hyderabad, IN

- **Course Modules:**
 - Data Analysis in Excel | Analytics Problem Solving | Data Analysis using SQL | Introduction to Python
 - Programming in Python | Python for Data Science | Inferential Statistics | Hypothesis Testing
 - Introduction to Machine Learning and Linear Regression | Logistic Regression | Tree Models

B.Tech in Electronics and Communication Engineering May '06 - May '10

JNTU Anantapur Nellore, IN

- Secured 68%

CERTIFICATIONS

- Google Data Analytics Certificate | Coursera May'21