

SINDHU VENKATESH

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EDUCATION:

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| Virginia Commonwealth University Master of Science - Decision Analytics | May 2020 |
| Christ University Master of Business Administration - Business Analytics | May 2019 |
| Visvesvaraya Technological University, Karnataka, India Bachelor of Engineering – Electronics and Communication. | Jun 2017 |

TECHNICAL SKILLS:

Scripting Language: R, SQL, Python

Database: Oracle database, MySQL and MariaDB using phpMyAdmin

BI Tools: Tableau, Power BI, SPSS, SAS, Google Dialogflow, MS Office.

Test/Incident Tools: JIRA

Business Analysis: SDLC, Agile Methodology, Water Fall Methodology, Requirement Gathering, Software Testing, Project Management (Triple Constraints, Quality, Procurement), Data Analytics, Reporting, Data visualization, Data Modeling, Data Mapping.

EXPERIENCE:

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| Everlytics Data Science Inc., Business Analyst Intern | Apr 2019 – May 2019 |
| <ul style="list-style-type: none">Facilitated informed decision-making by performing detailed analysis of customer requirements to provide support in work orders and report development.Generated a comprehensive analysis of data to identify actionable insights by collaborating with the Data Science team.Delivered proactive support in supervising and tracking route traveled by truck, as well as distance traveled and time taken from origin to destination point by developing a fleet tracking model dashboard for internal products.Optimized number of captured orders by 25% by ensuring growth for the company and formulating responses to “Request for proposals”.Improved brand awareness by devising UI for Website of the company to display work detail undertaken/completed.Boosted organizational sales by creating sales presentations for internal product – “Cyberonix”, a Cognitive Industrial Internet of Things platform, possessing Industry 4.0 solutions for manufacturing/process industries. | |

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| Central Bank of India, Risk Analyst Intern | Oct 2018 – Nov 2019 |
| <ul style="list-style-type: none">Performed detailed analysis of Retail Demand loan, Term Loan, and Personal Loan behavioral probability of defaulters’ model document by implementing CHAID models and Decision Trees in financial analytics to identify and mitigate potential risks.Leveraged/utilized Statistical Package for Social Sciences (SPSS) and Statistical Analysis System (SAS).Attained in-depth knowledge of Excel and improved business skills needed to work in a corporate environment.Conducted a risk assessment model by analyzing industry best practices to mitigate risks. | |

PROJECTS:

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| Capstone Project Full Design in Information Technology Project Management | May 2020 |
| <ul style="list-style-type: none">Determined and defined Project Scope and Project Charter, created Work Breakdown Structure, prepared Precedence Diagram Method (PDM) Network Map and Risk Document for the project assigned. | |
| Developed a prototype model Chatbot for the college admission process using DialogFlow | Jan 2020 |
| <ul style="list-style-type: none">Formulated database of questionnaires by performing surveys, while creating working model of conversational virtual assistant. Led effective virtualization of Chabot by utilizing Machine and Learning Natural Language Processing techniques. | |
| Predictive modelling for Loan administration – Data Mining | Nov 2019 |
| <ul style="list-style-type: none">Ensured accuracy of 72% by utilizing Enterprise Miner data mining software, ORACLE DBMS to deploy CRISP-DM Methodology in four phases and created most appropriate predictive model.Evaluated characteristics of students having good loan risks and poor loan risks by devising predictive model used by loan officers. | |
| Federal Reserve Bank – Space and Cost Optimization using programming, modeling techniques | Oct 2019 |
| <ul style="list-style-type: none">Accomplished least moves possible at lowest cost and resolved design optimization problem using Python’s Pyomo, NumPy and Pandas.Delivered effective support to Federal Reserve Bank of Richmond in reducing movement and allocating office space to workers and teams according to bank policy by formulating a model. | |
| Commonwealth Data Internship Program – Office of Governor of Virginia (CDIP) | Aug 2019 |
| <ul style="list-style-type: none">Streamlined business functions/processes by delivering analysis and recommendations.Performed reverse engineering on a database, extracted datasets using SQL and analyzed the data using R.Created an interactive dashboard on Tableau to assist higher management with Virginia Governor’s Office, for the Chief Data Officer. | |
| Effect of stress on academics learned resourcefulness and self-efficacy of students | Jun 2019 |
| <ul style="list-style-type: none">Acquired an R2 value of 0.93 by conducting Factor Analysis, Chi-Square Test, and Multiple Linear Regression.Attained 100% validity and Cronbach’s alpha of 0.77 by executing pilot study for 250 pupils to verify reliability of questionnaire. | |