

# SRINIDHI SHUKLA

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## Summary

I am a passionate Data Scientist with strong experience in Data Analysis and Visualization and expertise in Design and Management. I like playing and experimenting with data to make it look beautiful. I enjoy learning new things and cultivating my skills in them.



## Education

- Master of Science in Data Science, University of North Texas, Denton, Texas | GPA: 3.9
- Bachelor of Engineering in Computer Science Engineering, Osmania University, Hyderabad, India | Percentage: 76%

Jan '20- Aug '21

Sept '13- Jun '17



## Work Experience Tech Mahindra, Hyderabad, India | Software Engineer

Mar '18- Nov '19

- Responsibilities: Testing backend and frontend banking applications like Loan Origination and Information System (LOIS), Laser Pro Mortgage (LPM) using user datasets and providing insights for business solutions using tools like HP ALM, Salesforce, and query languages like SQL.
- Achievements: 'Bravo Award' for outstanding performance and for driving positive change at work. Worked on the highest number of projects in the team.



## Skills

### Technical

Programming:  
PYTHON | C | C++ | JAVA | SQL

### Concepts:

Data Visualization | Data Mining |  
Data Cleaning | Data Analysis |  
Database Management | Machine  
Learning | Business Intelligence |  
Statistics | Calculus | Big Data |  
SAS | Predictive Analysis | Social  
Media Advertising | Marketing |  
Cognitive Computing

### Tools:

Tableau | MS Office Suite |  
PyCharm | RapidMiner | SAS |  
Enterprise Miner | Spark |  
Hadoop | OpenRefine | Salesforce  
| GitHub | RapidMiner

### People

Client Interaction | Customer  
Management | Team  
Management | Problem Solving |  
Event Planning and Management

### Art

Graphic Designing | Web  
Designing | Mandala Art |  
Illustrations | Doodle | Poster  
Making | Content Writing |  
Photoshop | Canva | Adobe  
Creative Suite



## Academic Experience

### Readit: A Multilingual Text to Speech Tool for OCR and Text Summarization Models

Jan '21- May '21

- A tool to perform a) Multilingual text extraction and conversion to speech from images and b) Text summarization and conversion to speech using textual data.
- Technical Stack: OCR, NLP, Tesseract, TextRank Algorithm

### Trend Analysis Using Resume Data:

Aug '20- Dec '20

- Data retrieving, cleaning, and analyzing the software trends in the computer industry using text corpus from the dataset containing resumes of individuals.
- Technical Stack: RapidMiner, Microsoft Excel, Textual Data Analysis

### Identifying Hypertension Cases Using Classification Models:

Aug '20- Dec '20

- Prediction of hypertension based on health, biomedical, and socio-economic status data.
- Technical Stack: SAS Enterprise Miner, Microsoft Excel, Classification models.

### COVID-19 Analysis:

Aug '20- Dec '20

- Analysis of patterns of COVID-19 outbreak across the world and USA in particular.
- Technical Stack: Microsoft Excel, Data Preprocessing, Excel Functions.

### The Pandemic Pass-time:

May '20- Aug '20

- A database collection of content related to movies/series from over-the-top media services such as Netflix, Amazon Prime Video, Hulu etc.
- Technical Stack: SQL, MySQL workbench, Data Modeling, Database Management.

### The Netflix Revolution:

Jan '20- May '20

- Stock market prediction and visualization of Netflix during the COVID-19 pandemic
- Technical Stack: Tableau tool, Python language, Regression algorithms and Visualization techniques, Exploratory Data Analysis.

### The Meter of Smart Age - Meter Extreme:

Jul '16- Jun '17

- Prediction of electricity demand over an area by collecting the consumption related data using mesh networks and a central server.
- Technical Stack: ESP8285, MQTT protocol, Python language, MySQL database, Internet of Things, RDBMS.



## Design and Management Experience

- North Texas Daily**, Artist | Illustrator. Achievements: Designed newspaper's front page for the 'Back to School' issue. Jan '20- Aug '20
- Josh Hyderabad, Tech Mahindra**, FIT (Facebook-Instagram-Twitter) Analyst and Manager | Content Creator | Event Manager. Feb '19- Nov '19  
Achievements: 'Bravo Award', for exhibiting sheer commitment and the desire to win.
- Doodle.py**, Illustrator | Artist | Social Media Analyst and Manager. Aug '17- Current  
Achievements: Company Logos | Storyboards | Wall doodles | Published Posters | Comics