

Veera Vignesh K

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SUMMARY

- Data Scientist with over 6.5 years of extensive experience working in R&D, Banking and Manufacturing Domains.
- Worked on End-to-End Design, Develop and Deploy phase of multiple NLP, Speech and ML based projects.
- AWS Certified Developer Associate with knowledge of AWS services and hands-on experience in deploying server-less applications.

EXPERIENCE

AI Engineering Senior Analyst

Oct 2021 – Present

Accenture

Bangalore, IN

- Developed a serverless application using AWS Lambda, API-Gateway and Elastic Container Registry (ECR) that allows users to add metadata to their existing speech audio data.
- Handled processing of speech data (over 40 GB) by building a data pipeline that helped in downstream tasks using Prefect.
- Leveraged MLOps best practices and tools to version the model using MLFlow and data using DVC.
- Handled feature engineering, Model Development of speech based deep learning methods.

Data Scientist

Aug 2020 – Oct 2021

Axis Bank

Mumbai, IN

- Question Answering system design and development using SOTA pre-trained models like BERT and its flavours
- Developed Chat Bot for branch banking employees that has a monthly user base of 15K
- Streamlined the monitoring of process of the entire Intelligent Automation team by creating Tableau dashboard which provides timely alert to the process monitoring team

Data Analyst

Jan. 2015 – May. 2019

Asahi India Glass Ltd

Chennai, IN

- Have led a team of 15 Technicians to carry out Periodical Maintenance, Stock management and execution of day-to-day operation of a plant
- Providing Department analytics on budget adherence and KPIs in Tableau Dashboard and presenting it to the top management

TECHNICAL SKILLS

Languages: Python, R, SQL, Linux Shell Scripting, HTML/CSS

ML Frameworks: Scikit-Learn, Keras, Pytorch, Pytorch- Lightning

Libraries: NumPy, Pandas, Spacy, Rasa, FastText, Selenium, Hugging Face

Web Frameworks: Flask, FastAPI

Developer Tools: Git, CodeCommit, CodePipeline, Github, Docker, Tableau, Microsoft Excel, VS Code

OS Familiarity: Windows, Ubuntu, RHEL

EDUCATION

Praxis Business School

Bangalore, IN

Post Graduate Program in Data Science - Top 1% - Director's Merit List

Jul. 2019 – Apr 2020

Birla Institute of Technology and Science

Pilani, IN

M.Tech in Design Engineering (WILP)

Oct. 2016 – Oct 2018

Sri Krishna College of Technology

Coimbatore, IN

B.E in Mechanical Engineering - 1st Rank - Department Topper

Aug. 2011 – Aug 2015

CERTIFICATION

AWS Certified Developer Associate

AWS Data Analytics Speciality - Ongoing

Tableau Certified Data Scientist - Tableau

Rasa Certified Chatbot Developer - Rasa

MongoDB SI Architect Certified