

JEFFREY DAVID

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Portfolio: <https://jeffrey-david.github.io/>

EXECUTIVE SUMMARY

Computer Science graduate from VIT with an M.S. in Information Systems from NTU and experience from my tenure at Accenture and AI-focused internships. Proficient in Data Science, Software Engineering and Big Data Engineering, I am dedicated to advancing my career in IT while fostering innovation and problem-solving skills.

EXPERIENCE

Accenture Solutions Private Limited

Bangalore, India

Big Data Engineer

11/2022 - 08/2023

- Received technical training in Apache Hadoop File System and acquired proficiency in various big data analytics tools such as Apache Hive, Spark, Cassandra, and more.
- Designed end-to-end data pipelines using Cloudera Distribution of Hadoop and tools like Nifi, Kafka and Spark.
- Increased data processing efficiency by 10% through the successful implementation of ETL processes, resulting in faster data movement from various sources.
- Implemented ETL processes to move data from various sources to the cloud-based infrastructure.

INTERNSHIPS

TalentKraft Pte Ltd

Singapore

AI Software Development Intern

01/2024 – 03/2024

- Designed Gen AI based solution to assist organizations spanning diverse sectors, from pharmaceuticals to manufacturing in their Goal Setting and 360 Performance Review Process
- Developed the website as a MERN Stack application following Agile development methodologies.
- Utilized OpenAI API to implement centralized organizational objectives tailored to department and individual KPIs.

The Sparks Foundation

Vellore, India

Graduate Rotational Internship Program (Remote)

02/2021 – 03/2021

- Conducted thorough data analysis to identify patterns, trends and anomalies in diverse datasets.
- Implemented data preprocessing techniques to clean, normalize and transform raw data into suitable formats for machine learning models.

EDUCATION

Nanyang Technological University

Singapore

Master of Science in Information Systems

08/2023- 06/2024

- Graduated with a Cumulative Grade Point Average (CGPA) of 4.80 /5.00.
- Projects:
 - Aspect-Based Sentiment Analysis of LGBTQ Issues in Singapore
 - Decentralized Electronic Healthcare System

Vellore Institute of Technology

Vellore, India

B.Tech Computer Science and Engineering

06/2018 – 05/2022

- Graduated with a Cumulative Grade Point Average (CGPA) of 8.78 / 10.
- FYP: Deep Learning Model for Analyzing Water Quality, Level and Flow of Cauvery River

SKILLS

- Programming Languages:** Python, Java, C, JavaScript, SQL
- Tools:** Tableau, PySpark, Hadoop, Node.js, React.js, D3.js, Cloudera, AWS
- Hard Skills:** AI and ML, Data Science, Data Visualization, Big Data Technologies, Software Development
- Soft Skills:** Self-Motivated, Innovative, Problem-Solving

CERTIFICATIONS

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning 03/2021 – 04/2021
- Artificial Intelligence for Beginners 04/2020 – 05/2020
- Machine Learning Using Python 04/2020 – 05/2020
- Data Science for Engineers - NPTEL 01/2021 – 03/2021