

VEERA PRATHIMANAN

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ASSOCIATE CONSULTANT | DATA ENGINEER | ETL DEVELOPER

SUMMARY

- Data Engineer with 2+ years of IT experience building data systems that collect, manage, and convert raw data into usable information, ensuring **data quality** and **data accessibility** for **statistical analysis** and **reporting purposes**.
- Demonstrates the capability of figuring out the storage requirements, assessing data situations, and collaborating with cross-functional teams to design a data warehousing system to meet business needs.
- Adept at developing ETL applications for integrating & migrating data in **OLTP & data warehouse** environments.

PROFESSIONAL EXPERIENCE

Associate Consultant

May '21 - Present

Atos

Chennai, Tamil Nadu, India

• Role: Data Engineer • Client: Starr International Company Inc - New York, NY • Domain: Insurance • Technology Stack: Informatica, Python, SQL, SSIS, PL/SQL, Azure, Shell Scripting, Windows Batch Script

ETL Development & Data Warehousing

- Created and automated complex **ETL** applications for extracting, transforming & loading data from various sources.
- Collaborated with a team of 10+ including **Business Analysts & Data Scientists** for understanding business processes and functional requirements.
- Allied management in gathering requirements and developed business analytical solutions by processing **structured** and **unstructured** data.
- Involved in implementation of data warehouse system by applying **Dimensional Modeling** techniques to optimize data storage.
- Designed **ODS (Operational Data Store)** to store the complex data from various Data Sources.
- Automated ETL process by developing scripts to ease data manipulation and reduced data **processing time by 25%**.
- Applied exceptional handling and developed 20+ **stored procedures & triggers** for meeting OLTP & OLAP applications specifications requirements.
- Responsible for month end close activity to ensure data flow and analysis for **business intelligence reporting** purposes.

Performance & Project Management

- Monitored the **performance of production** applications and resolve technical issues to reduce risks & improve quality.
- Conducted peer review and **unit testing** to evaluate the ETL applications before promoting to the production.
- Performed **root cause analysis** and identified improvement opportunities to improve **efficiency by 40%**.

Full Stack Developer

Oct '20 - Mar '21

Magnion Technology Factory

Karaikudi, Tamil Nadu, India

• Projects: E-Commerce (POS) & Ride Sharing Application • Domain: IT & Software Development • Technology Stack: NodeJS, ReactJS, Python, Cloudinary, GIT, AWS S3, Mongo DB, Android Studio, Flutter, Xcode

Web Development

- Framed and developed the website **front-end** using ReactJS & **back-end** using NodeJS, and designed **data architecture**.
- Led a project to develop user-friendly **e-commerce (POS)** websites administering web development life cycle for 2 clients.

App Development

- Cooperated with a team of 6 application developers to design & develop **2+ mobile applications**.
- Accelerated the app development process with the help of Android Studio to build quality applications for cross-platform devices.

EDUCATION

B.E - Computer Science and Engineering

Aug '16 - Sep '20

Anna University

Chennai, Tamil Nadu, India

CGPA: 7.08

- Graduated with First Class Degree.
- Volunteer & Organiser at NSS (National Service Scheme) and YRC (Youth Red Cross).
- Member of MHRD's Institution Innovation Cell at the Campus.
- Event organiser at Computer Society of India (CSI) and organising technical events such as Coding, Web Designing & Quiz.

KEY SKILLS

• Leadership • Teamwork • Project Management • Collaboration • Willingness to Learn • Research • Problem Solving

TECHNICAL SKILLS

Programming Languages: Python, SQL, PL/SQL, Java, JavaScript, NodeJS

ETL Tools: Informatica Power Center, SSIS, Azure Data Factory, PySpark

Databases: MSSQL, MySQL, PostgreSQL, Cosmos DB, MongoDB

Cloud Technologies: Microsoft Azure, AWS S3, Heroku, Cloudinary, Firebase

Big Data & Streaming Technologies: Apache Hadoop, Apache Spark, Apache Kafka

Deep Learning: TensorFlow, Keras, PyTorch, CNN, RNN

Machine Learning: Classification, Regression, Clustering, Random Forest, K-Means, Grid Search

Libraries & Packages: Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn, NLTK

Frameworks: Django, Flask, ReactJS

Operating Systems: Windows, Linux (Ubuntu, Fedora), MacOS

IDE: Visual Studio Code, Android Studio, Xcode, PyCharm, MySQL Workbench, Jupyter Notebook

Command Line Tools: Git Bash, Shell Scripting, Power Shell, Windows Batch Script, Putty

Project Management: HP Quality Center ALM, JIRA

CI/CD Tools: Git, Docker, Bit Bucket

VIRTUAL EXPERIENCES

- KPMG AU Data Analytics
 - Accenture Data Analytics & Visualization
 - J.P Morgan Software Engineering
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TRAININGS & CERTIFICATIONS

- AZ-900: Microsoft Azure Fundamentals, Microsoft
 - SAS Visual Business Analytics, Coursera
 - IBM Data Science Professional, Coursera
 - Crash course on Python, Kaggle
 - Machine Learning Level 1, Atos
 - Spanish Language Level 1, Atos
 - French Language Level 1, Atos
 - Informatica Training, Atos
 - Duck Creek Training, Atos
 - NET Full Stack Development Training, Atos
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PERSONAL PROJECTS

Movie Recommendation Engine built using Sentiment Analysis in Python

- A Machine Learning project which recommends the movie to the user through the people emotions on movies or films based on the user reviews & ratings for the film in the sample aggregated dataset of IMDb (Internet Movie Database).

Chat Bot App built using NLTK, Keras in Python

- A ChatBot application which provides 24x7 basic help or support to the customer by providing information about the company services and resolving basic queries from the customer regarding products.
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EXTRACURRICULAR ACHIEVEMENTS

- Served as the Captain of the Foot Ball team for a year.
 - Volunteered in Swachh Bharat Mission to clean public places and countryside schools.
 - Volunteered in college charity to raise funds worth INR 100000 for the people affected by Cyclone Gaja in Pudukkottai | '18.
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HONORS & AWARDS

- Winner of 10+ coding events in various National level symposiums during the academic period of 2016 to 2020.
 - Finalist of Smart India Hackathon held on August 2020 for providing solutions to the Ministry of Textiles, Odisha - India.
 - Received an appreciation from client manager for taking a responsibility during month-end close activity on weekends.
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LANGUAGES

- English (Professional Working Proficiency)
 - Tamil (Native or Bilingual Proficiency)
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