

# DEEPSHIKA JANARTHANAN

## SENIOR ENGINEER - DATA SCIENCE & ENGINEERING

### CONTACT

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### EDUCATION

**2015 - 2019**

**Dhanalakshmi college of Engineering**

Bachelor of Engineering -  
Computer Science

### TECHNICAL SKILLS

- Python
- SQL
- Machine Learning
- AWS
- Docker
- Pyspark

### CERTIFICATION

- IBM Data Science professional certificate
- Currently pursuing Machine learning course from Ineuron
- AWS Cloud Practitioner preparation course from Cloud Guru

### PERSONAL PROFILE

Seeking for a job to pursue highly rewarding career and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth.

### WORK EXPERIENCE

**October 2019 - May 2022**

**Mindtree**

Senior Software Engineer - Data Science & Engineering

- Joined as a engineer in data science and engineering domain and brought value to the business and team, not just in terms of delivering technical goals, but also in terms of implementing new technologies.
- Handled several projects while collaborating with customers and stakeholders to understand the business goals and ensure that they were met.

**May 2022 - Present**

**Tenovia**

Analyst - Data Engineer

- Joined as Analyst in Data Engineering & Analytical team and worked on providing insights to various business problems.
- Handled various projects and created Dashboards based on business requirements.

## PROJECT DETAILS

PROJECT DESCRIPTION	RESPONSIBILITIES
<b>Travel &amp; hospitality – POC</b>  A Data Science initiative to forecast aircraft delays ahead of time so that customers are informed in advance.	<ul style="list-style-type: none"><li>Created a machine learning model that predicts flight delays and utilized Flask to create an API that could be integrated with the UI</li></ul>
<b>Chatbot – POC</b>  A Chatbot that efficiently answers consumer enquiries by extracting information from an article provided by the customer.	<ul style="list-style-type: none"><li>Developed a natural language processing (NLP) model that recognizes user questions and provides answers based on information from an article.</li></ul>
<b>Real Estate - Project 1:</b>  A social advertising automation platform which conducts various campaigns for the customers was interested in how far the campaign has reached the customers.	<ul style="list-style-type: none"><li>Created a generic program that ingested the API responses from numerous campaigns to snowflake tables for various accounts.</li><li>Created a Airflow Job that runs this application everyday to store incremental data.</li><li></li></ul>
<b>Real Estate - Project 2:</b>  A real estate brokerage company that assists in finding homes for sale, rental, etc., was curious about how their tool was being used.	<ul style="list-style-type: none"><li>Developed a generic program for extracting data from the Google Analytics API and loading it into Snowflake tables.</li><li>Created an Airflow scheduler to orchestrate the process</li></ul>
<b>Real Estate - Project 3</b>  A Data Science project to predict the agents who will outperform the market in next three years, based on their past performance.	<ul style="list-style-type: none"><li>Developed a machine learning model POC that increased the model's performance and accuracy.</li><li>To eliminate manual intervention, the project was integrated into the AWS environment.</li></ul>
<b>Ecommerce - Project 1:</b>  The client requires information regarding the ratings and reviews for their products on several online marketplaces.	<ul style="list-style-type: none"><li>Developed Script which takes the ratings and reviews data from various marketplaces.</li><li>Created an Architecture to schedule this process which fetches data on monthly basis.</li></ul>
<b>Ecommerce - Project 2:</b>  A Textile client needed information about their product inventory status and their loss information	<ul style="list-style-type: none"><li>Created a entire pipeline which calculates the inventory health of their products and their loss of sales.</li><li>Developed a dashboard in Quicksight which displays the insights of their products</li></ul>

<p><b>Ecommerce - Project 3:</b></p> <p>A Textile client who has various brands wants to know the exposure of their products and their brands.</p>	<ul style="list-style-type: none"> <li>• Developed a pipeline that fetches all the necessary data on scheduled basis.</li> <li>• Created a Dashboard which provided the insights about their products and which helps them in identifying the gaps.</li> </ul>
<p><b>Ecommerce - Project 4:</b></p> <p>A Healthcare client wants to know their products reach to the customers in various marketplaces.</p>	<ul style="list-style-type: none"> <li>• Built an Architecture and scripts for finding the position of their products and for calculating the required metrics.</li> <li>• Automated the entire process using AWS services which fetches the data on weekly basis.</li> <li>• </li> <li>• Developed Dashboard in Quicksight which provides insights and information about the products which helps in their business improvement.</li> </ul>

## DECLARATION :

I hereby declare that all the information provided above is true to the best of my knowledge.

**DEEPSHIKA JANARTHANAN**