

BALAJI SADHASIVAM

Highly driven student seeking a challenging role to apply my analytical abilities and technical knowledge.

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Education

Sri Manakula Vinayagar Engineering College <i>Bachelor of Technology in Artificial Intelligence and Data Science, Current CGPA: 8.13</i>	2020 - 2024 <i>Puducherry</i>
Vivekanadha Higher Secondary School <i>Higher Secondary Certificate in Computer Science, Percentage: 72</i>	2019 - 2020 <i>Puducherry</i>
Alpha Matric Higher Secondary School <i>Secondary School Leaving Certificate, Percentage: 82</i>	2017 - 2018 <i>Puducherry</i>

Projects

Anomaly Detection | *Python, Numpy, Pandas, Matplotlib, Scipy, Scikit-learn, Google Colab*

- This project aims to develop an anomaly detection model using the Isolation Forest algorithm and optimize its hyperparameters using grid search cross-validation.

MetaCertify - Academic Project | *Solidity, NFT, Smart Contract, JavaScript, VS Code, RemixIDE*

- MetaCertify is an innovative endeavor that intends to create a new standard for transparent, efficient, and verifiable authentication at the convergence of blockchain, NFTs, and academic records.

Sentiment Analysis | *Python, NLP, Spacy, Flask, VS Code, Azure Web Apps*

- This Project contains Sentiment analysis for movie reviews involves using natural language processing to determine whether a review expresses a positive, negative, or neutral sentiment towards a film.

Student Performance EDA | *Python, Numpy, Pandas, Matplotlib, Scipy, Flask, VS Code, Azure Web Apps*

- This project contains Exploratory Data Analysis (EDA) for student performance involves analyzing educational datasets to uncover patterns, trends, and insights related to academic achievements.

Technical Skills / Personal Traits

Languages: Python, Java, SQL, NoSQL, JavaScript, Solidity

Developer Tools: Spark, Scala, VS Code, Eclipse, Google Colab, Jupyter Notebook, RemixIDE

Cloud: Azure

Technologies/Frameworks: Numpy, Pandas, Scikit-learn, Tensorflow, Pytorch, Keras, Flask, GitHub, Git

Personal Traits: Task Management, Deliverable Oriented, Initiative Driven

Certifications

Microsoft

Azure Fundamentals, Power Platform Fundamentals and Introduction to Programming using JavaScript.

NPTEL Online Certification

Programming in Java, Python for Data Science.

IT Specialist

Java, Databases.

AWS Academy Graduate

AWS Academy Cloud Foundations, AWS Academy Machine Learning Foundations.

Achievements

Kore.ai Botathon

November 2022 - December 2022

Top 15 in Finals

- Secured the Swag Award in the Devpost KORE.AI Chatbot competition, an event hosted by Kore.ai, showcasing our excellence in chatbot development.

Intelligence Virtual Assistant Theme - Techgig

July 2022 - August 2022

Finalist

- Finalist (Top 6) in Techgig-KORE.AI Chatbot competition and recognized among the Top 6 participants for our innovative chatbot solution. Advanced to the final round of the Techgig-KORE.AI Chatbot competition as a top-ranking finalist.