

RESUME

Name: Makesh K

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Objective:

Analytically driven professional with 1.6 years of experience as a Data Analyst and a Teaching Assistant. Proven expertise in transforming raw data into actionable insights, contributing to diverse projects. Aiming for a dynamic role to apply analytical skills in real-world scenarios while continuing to share knowledge as a Teaching Assistant. Committed to ongoing learning and staying updated on emerging trends in both data analysis and education.

Skills:

- Programming Languages: Python, R, JAVA
- Machine Learning Libraries: TensorFlow, PyTorch, Scikit-learn
- Data Analysis: Pandas, NumPy, SciPy
- Data Visualization: Tableau, Power BI, Matplotlib, Seaborn, Pyplot
- Database Management: SQL
- Web Frameworks: Flask, Django
- Version Control: Git
- Tools: Jupyter, VS Code, PyCharm, KNIME

Education:

- Master of Science in Computer Science specialization in Data Science, RVS College of Arts and Science, 2019-2021
- Bachelor of Science in Information Technology, Kamalam College of Arts and Science, 2016-2019
- Diploma in Electrical and Electronics Engineering, Rudhraveni Muthuswamy Polytechnic College 2014-2016

Experience:

TA - Data Science Team, RVS Infotech, Nov 2021 – Jun 2023

- Develop machine learning models using regression, classification, clustering, and many algorithms to optimize business operations.
- Develop and deploy production-ready models.
- Collaborate with cross-functional teams, including engineering, product, and business, to drive data-driven decisions and insights.

Projects:

- **Boiler Blow Down (01/2022 - 04/2022)** Boiler blowdown is water intentionally wasted from a boiler to avoid concentration of impurities during continuing evaporation of steam. The water is blown out of the boiler with some force by steam pressure within the boiler
- **Boston House Price Prediction** - Developed a machine learning model to Boston house price prediction using historical data. Implemented linear regression and evaluated model performance using relevant metrics. Deployed the model as a web application using Flask.
- **Wine Quality Prediction** - Developed a machine learning model to wine quality prediction using historical data. Implemented Random Forest Classifier and evaluated model performance using relevant metrics. Deployed the model as a web application using Flask.
- **Credit Card Fraud Detection** - Developed and deployed an advanced Credit Card Fraud Detection System, leveraging machine learning models to fortify the company's defenses against fraudulent transactions, thereby mitigating financial risks.

Certifications:

- Machine Learning Scientist with R
- R Programming
- Python Course: Beginner to Advance Masterclass
- Python Machine Learning
- Data Visualization Using Tableau, Power BI
- Statistics

Achievements:

- **Robotryst-2015** Certificate of Merit Zonal Round of Robotryst-2015.
- **Guinness World Record** Attempt The largest human representation of a text consists of 962 people, and was achieved by Rotary Club of Mapuca, Rotaract District 3170, Ajay Menon and Nishita Pednekar (all India), in Goa, India, on 23 February 2019.

Languages:

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

Hobbies and Interests:

- Playing Rubik's Cube
- Foot Ball
- Reading about new technologies and industry trends