BALAVIGNESH K
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CAREER OBJECTIVE

Seeking an entry-level opportunity in a dynamic IT environment to apply technical skills, contribute to innovative projects, and grow professionally in Cloud, Data, or Machine Learning domains. Equipped with practical experience in Machine Learning, Data Analysis, and AWS Cloud services through academic and real-time projects.

Educational Qualifications

Course/Board	College, University/ School, Location	CGPA /%	YOP
MTECH(Cloud Computing), SRM	SRM University, KTR, Chennai	9.63	2027
B.Tech (IT), Anna University	SRM Valliammai Engineering College, Chennai	9.23	2025
XII, TNSB	Sri Sankara Vidyalaya Matriculation Higher Secondary School,Chennai	89.6%	2021
X, TNSB	Sri Sankara Vidyalaya Matriculation Higher Secondary School,Chennai	80.6%	2019

Project: Multiclass Brain Tumor Classification using ML & Deep Learning
- Developed a multiclass brain tumor detection system using Random Forest, CNN, and VGG16 on a dataset of 3,180 MRI images.
- Implemented image preprocessing, normalization, and model comparison to evaluate classification performance.
- Built a Flask-based web application to display real-time prediction results for uploaded MRI images.

Summer Internship at Nexilla technologies
Chennai ,India   **AWS Engineer**   **June-July '25**
- Completed a 1-month hands-on internship working with EC2 (Windows/Linux), Apache & IIS hosting, ALB/CLB, VPC (public/private, peering), IAM, S3, and Elastic IP.
- Hosted a live personal portfolio website on AWS EC2 using Linux Apache with file transfer via WinSCP and public internet access.

Certifications
- Certificate - Cloud Architecting - AWS Academy Graduate, 2025
- Certificate - Cloud Operations - AWS Academy Graduate,2025
- Certificate – Data Analytics and Visualization job Simulation – Forage accenture , 2024
- Certificate – Machine learning Projects – Great learning,2024
- Certificate - Data Analyst - Pantech elearning, 2023

Achievements & Awards
- 100% ATTENDENCE IN 2ND SEMESTER.
- Topper award for Highest GPA in 6th semester Btech IT.

Other projects (Live Projects/Academic Projects/Industrial Trainings)
- Created project named Multiclass Heart disease type prediction using AdaboostClassifier , 2023
- Created project named Unraveling Trends in Retail Sales using power BI and machine learning, 2023

Positions of Responsibility
- Acted as the primary channel of communication between teacher and students as CR at **SRMVEC** , 2024 – 2025
- Served as Head of VELIGHT Committee and Student Coordinator for NCRTCI'25(National Conference), leading magazine and souvenir releases, organizing national-level technical events, and coordinating cross-functional teams.

Co-Curricular and Extra Curricular Activities
- Participated in the pre-conference workshop on EXPLAINABLE AI (XAI) organized by SSN college in 2024
- Participated in Brain Vision's International Level Student Workshop - 2024 On Data Science using Python.
- YRC MEMBER: I have experience Volunteering blood donation camps, planting trees, and being creative through poster-making competitions.