HARISOMAN.K

BE GRADUATE

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PROFILE INFO

Recent engineering graduate with hands-on experience in cloud computing, Python, SQL, and Power BI , and data analysis. Familiar with AWS cloud services, and basic IT support practices. Looking for a technical or cloud support role to apply and grow my skills.

EDUCATION

2020 – 2024
SRM TRP ENGINEERING COLLEGE, TAMIL NADU
- Bachelor of Engineering (B.E.) – Electronics and Communication Engineering
- CGPA: 7.77

SOWDAMBIKAA MATRICULATION HIGHER SECONDARY SCHOOL, THOTTIYAM
- HSC – 66.3% (2019 – 2020)
- SSLC – 74.8% (2017 – 2018)

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, IAM, S3, Lambda, VPC, CloudFormation)
- **Languages & Tools:** Python (Pandas, NumPy, Matplotlib), SQL,
- **Monitoring & Data Tools:** Power BI, Data Analysis, Data Visualization, Machine Learning Models
- **Machine Learning:** Data Cleaning, Feature Engineering, Supervised Learning, Predictive Modeling

LANGUAGES

- English (Fluent)
- Tamil (Fluent)

PROJECT EXPERIENCE

AWS Infrastructure Setup
- Designed and deployed secure AWS VPC infrastructure with EC2, IAM, S3, and Lambda. Used CloudFormation templates for infrastructure automation.

Metro Fare Estimator with QR Generator
- Built a Python-based application to calculate dynamic fares and generate QR-coded tickets using qrcode and matplotlib.

Structural Health Monitoring using ML
- Developed a model to detect anomalies from sensor data using supervised machine learning techniques.

INTERNSHIPS

NSIC – Chennai (1 Week, Offline)
- Observed technical workflows, automation tools, and industrial systems.

7Dreamz Technologies – Remote
- Contributed to basic data handling and participated in cloud-based application environments.

CERTIFICATIONS & TRAINING

Tech Mahindra SMART Academy – AWS Cloud Computing Course
- Hands-on experience with AWS services (EC2, S3, IAM, Lambda, VPC, CloudFormation). Learned cloud architecture, security, and cost optimization best practices.

QSpiders – Data Science Training
- Topics: Python for Data Analysis, SQL, Power BI, basic Machine Learning. Worked on mini-projects involving data preprocessing and visualization.

SOFT SKILLS

- **Communication**
- **Teamwork**
- **Problem Solving**
- **Adaptability**
- **Willingness to Learn**