HARISOMAN K
B.E GRADUATE

EDUCATION

B.E / ELECTRONICS & COMMUNICATION ENGINEERING

SRM TRP ENGINEERING COLLEGE [2020-2024]

CGPA - 7.7

Professional Summary

Motivated and detail-oriented engineering graduate with hands-on experience in Python, SQL, Power BI, and AWS cloud services. Skilled in data cleaning, visualization, and reporting, as well as deploying and managing cloud infrastructure. Looking to contribute to roles in data analytics and cloud support while continuously learning and growing.

CONTACT

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Portfolio : https://harisoman.github.io/portfolio/

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SKILLS

- Cloud Computing: AWS (EC2, S3, IAM, Lambda, VPC, CloudFormation)
- Programming & Scripting: Python (Pandas, NumPy), Bash, SQL
- Data Analysis Tools: Power BI, Excel, MySQL
- Version Control & OS: Git/GitHub, Linux (Basics)
- Analytical Thinking
- Problem-Solving
- Collaboration and Teamwork

PROJECTS

Structural Health Monitoring Using Machine Learning
- Built ML model for real-time structural monitoring using sensor data.
- Applied anomaly detection & predictive maintenance techniques.

Metro Rail Fare Estimator with QR Ticket Generator
- Python app to calculate metro fares and generate QR tickets.
- Used qrcode and matplotlib for ticket creation and visualization.

AWS Cloud Infrastructure Setup
- Designed VPC with public/private subnets, EC2, IAM, S3, and Lambda.
- Automated provisioning using AWS CloudFormation.

ACADEMIC HISTORY

Embedded Systems Internship – National Small Industries Corporation(1 week)
- Learned fundamentals of microcontroller programming and hardware interfacing

Student Trainee – QSpiders (Data Science Course) (Jul 2024 – Mar 2025)
- Trained in Python, SQL, Power BI, and ML basics.
- Worked on projects in data cleaning, visualization, and analytics.

Cloud Practitioner – Tech Mahindra SMART Academy (Apr 2025 – Jul 2025)
- Hands-on AWS services (EC2, S3, IAM, Lambda, VPC, CloudFormation).
- Learned cloud architecture, cost optimization, and automation.

CERTIFICATION

- Data Science Fundamentals Course [Qspiders Training Institute]
- AWS Cloud Practitioner (Tech Mahindra SMART Academy)
- Embedded Systems Internship (NSIC)
- Full Stack Development (7Dreamz Solutions)
- Introduction to Data Analytics (Great Learning)