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in Amina I R

🌐 https://amina-309.github.io/Portfolio/

SKILLS

- Python
- JavaScript
- HTML
- CSS
- SQL

DATA ANALYSIS & VISUALIZATION TOOLS

- Conn
- SPM 12
- Gephi
- Microsoft Excel

DESIGN TOOLS

- Canva
- Figma
- Adobe Photoshop

SOFT SKILLS

- Active Listening
- Teamwork
- Emotional Intelligence
- Adaptability
- Written Communication

LANGUAGES

- English (Fluent)
- Malayalam (Fluent)
- Hindi (Interrmidiate)
- Spanish (Beginner)

VOLUNTEER EXPERIENCE

- **National Service Scheme (2019 - 2024)**
- **Work as Teaching Mentor with Insight for innovation as part of Aries Summer Camp (May 9 to June 5, 2023)**
- **Work as Teaching Mentor with Insight for innovation as part of Project Ganitham (Oct 1 to Oct 31, 2022)**

A M I N A   I R

PROFILE

Detail-oriented and highly motivated with hands-on experience in Python, Javascript, data analytics, database management, and network analysis. Strong team player with proven adaptability, communication, and leadership skills. Eager to contribute to impactful tech-driven projects.

PROJECTS

Complex Network Analysis of Brain — July 2024 - 2025

- Created brain networks from fMRI and T1-weighted MRI data using CONN toolbox and SPM12.
- Analyzed structural differences between healthy individuals and Temporal Lobe Epilepsy (TLE) patients using Gephi.
- Applied graph theory metrics to assess brain connectivity and classify neurological patterns.

Complex Network — Jan - June 2024

- Simulated disease spread using Gephi and R-Studio.
- Identified super-spreader nodes and network vulnerabilities.

Panchayat Survey Data Analytics — March 2024

- Analyzed Valavannur Panchayat data using Excel under TPLC.
- Created visualizations and insights for local governance.

Electronics shop Management System — Jan - June 2023

- Developed a relational database for managing inventory, billing, and customer details in a retail setting.
- Collaborated in a group project to implement core SQL operations, improving understanding of database fundamentals.

SELF-LEARNING PROJECTS

Portfolio

- Created a personal portfolio using HTML/CSS.
- https://github.com/Amina-309/Portfolio

To-Do

- Developed a basic task manager app with interactive UI using pure JavaScript
- https://github.com/Amina-309/To-Do

EDUCATION

B.tech — 2021 - 2025

Information Technology

- Government Engineering College, Barton hill