Mirza Talib

+91-7878520067 | Email : talibmirza5267@gmail.com | portfolio.github.io | github.com/github-id | linkedin.com/in/linkedin-id

Result-driven Engineering graduate (Electronics & Communication) with hands-on experience in Embedded Systems, Robotics, and Web Development. Seeking challenging roles in a dynamic environment to leverage technical skills for organizational growth and continuous learning.

EDUCATION

- **Jaipur Engineering College & Research Centre**,   Jaipur, Rajasthan, India
  - **B.Tech in Electronics and Communication**   2021 – 2025 | Percentage: 80.34%
- **Senior Secondary Board of Education (RBSE)** | Kota, Rajasthan, India   2020 | Percentage: 81.20%
- **Secondary Board of Education (RBSE)** | Kota, Rajasthan, India   2018 | Percentage: 85.50%

INTERNSHIP/TRAINING

- **Upflairs, Embedded System & Robotics Trainee** | Jaipur, Rajasthan   July 2022 – August 2022
  - Gained hands-on experience in microcontroller programming using Embedded C for various applications.
  - Developed basic robotic functionalities, including sensor integration and motor control.
- **Matrix Computer, Frontend Web Development Intern** | Jaipur, Rajasthan   July 2023 – August 2023
  - Developed responsive web interfaces using HTML, CSS, and JavaScript for various projects.
  - Implemented user-friendly UI designs to enhance user experience and accessibility.
- **Learn and Build, Backend Web Development Intern** | Jaipur, Rajasthan   May 2024 – June 2024
  - Implemented server-side logic and API functionalities using Node.js.
  - Worked with database systems (e.g., SQL) for efficient data storage and retrieval.

SKILLS

- Programming Languages: C/C++
- Embedded Systems & Robotics
- Frontend Development | HTML | CSS | Java Script
- Backend Development With Node.js

PROJECTS

- **ROBOTICS ARM**
  - Developed a Robotic Arm using Arduino, integrating stepper motors and various sensors for precise movement.
  - Implemented Embedded System and Motor Control techniques, including Inverse Kinematics, to ensure accurate automation.
  - Gained practical experience in designing and programming real-time embedded systems for robotics applications.
- **INFO CAPTURE FORM BUILDER**
  - Developed a secure web-based 'Info Capture Form Builder' using HTML, CSS, and PHP, ensuring data integrity with robust validation and error handling.
  - Designed a responsive UI for simplified data entry and improved accessibility.Integrated with a database to securely store user details.
- **Data Visualisation: Empowering Business with Effective Insights (Forage)**
  - May 2025
  - Completed practical tasks focusing on framing business scenarios and choosing the right visuals.
  - Gained experience in creating effective data visuals and communicating insights for business applications.
  - Developed skills in data interpretation and analysis to derive actionable insights.
- **Final Year Project: IoT Virtual Health Mate**
  - Designed and developed an IoT-based system for virtual health monitoring.
  - Focused on diagnosing vital health parameters such as heart rate, room temperature, and blood pressure.
  - Utilized IoT principles and integrated sensors and motors to enable remote data collection and analysis.
  - Demonstrated practical application of IoT in healthcare for proactive health management.

CERTIFICATIONS

- Embedded System & Robotics   Click Here
- Frontend Web Development   Click Here
- Backend Web Development   Click Here
- Data Visualisation: Empowering Business with Effective Insights (Forage)   Click Here