

MOHD MOSHIR KAHN

📍 Hyderabad | 📞 +91 6393533028

✉️ Musheerk799@gmail.com

- Seeking a challenging role in a reputable organization where I can leverage my skills in C, C++ and Embedded Systems, to contribute effectively to projects while contributing to the company's success and expand my expertise.

TRAINING

2024- 2025

EMBEDDED SYSTEMS TRAINING, VECTOR INDIA, HYDERABAD.

- Completed a comprehensive training program covering C Programming, C++ Programming, Linux Internals, TCP/IP basics, and ARM Microcontroller fundamentals.
- Gained hands-on experience in embedded hardware interfacing, real-time operating principles, and IoT integration.

CERTIFICATIONS & SKILLS

- **Certifications:**
 - Embedded System Course (C & CPP) -Vector India HYD | MAR 2025.
 - AI tools workshop - be10x.in.
- **Programming:** C, Embedded C, C++.
- **Protocols:** UART, I2C, SPI (if you know)
- **Operating Systems:** Windows, Linux (basic internals)
- **Web Technologies:** HTML, CSS, JavaScript, React.js (secondary)
- **Tools:** KEIL, Flash Magic, ThingSpeak, Git, vs code,
- **Network:** Basics of TCP/IP

PROJECTS

- **Embedded Systems Course at Vector India, Hyderabad:** 2025
- **ARM Project:** Developed a cloud-connected sensor monitoring and alert system for industrial applications using the LPC2148 microcontroller.
 - Acquired real-time temperature and humidity data using DHT11 sensors.
 - Enabled cloud communication via ESP01 Wi-Fi module and local data storage using EEPROM (AT24C256).
 - Implemented external interrupt handling for real-time clock (RTC)-based setpoint updates.

- Integrated IoT functionalities using ThingSpeak cloud platform for remote monitoring.
- **Tools/Technologies:** Embedded C, KEIL IDE, Flash Magic, ThingSpeak, LPC2148, ESP01 Wi-Fi Module, EEPROM AT24C256
- **C Mini Project:** Developed a console-based student database management system in C, utilizing a singly linked list (SLL).
 - Implemented core functionalities including record insertion, deletion, search, sorting, and file saving.
 - Used dynamic memory allocation and file handling techniques for efficient data management.
- **Concepts Applied:** Dynamic Memory Allocation, File Handling, Data Structures (Singly Linked List)

PROFESSIONAL EXPERIENCE

MARCH 2022 – AUGUST 2023

FRONT-END DEVELOPER, CHROME INFOSOFTECH SOLUTIONS PVT. LTD.

- Led the design and development of intuitive user interfaces for DocPro (Document Management System) and Records Management System (RMS) software.
- Collaborated closely with the backend team to integrate APIs and ensure seamless front-end functionality.
- Optimized user experience across web and mobile platforms for better responsiveness and accessibility.

ACCOMPLISHMENTS

DECEMBER 2022 - FEBRUARY 2023

DEVELOPER, NARJA SUPER STEEL PVT. LTD.

- Designed and developed responsive web interfaces using HTML, CSS, Bootstrap, and jQuery.
- Integrated GST (CGST, SGST, IGST) calculation modules for billing and compliance automation.
- Applied object-oriented programming (OOP) principles to optimize code structure and maintainability.
- Implemented dynamic invoice generation and PDF download functionalities using JavaScript.

SEPTEMBER 2023 - MARCH 2024

FRONT-END DEVELOPER, WASTELY AQUA PVT. LTD.

- Built and optimized mobile-responsive, user-friendly interfaces for Wastely Aqua's program management software using HTML, CSS, Bootstrap, JavaScript, and React.js.
- Collaborated with the development team to seamlessly integrate front-end components with back-end functionality.

EDUCATION

AUGUST 2017 – MAY 2021

BACHELOR OF ENGINEERING, (64.96%)

JAMIA INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES (KBCNMU),
AKKALKUWA, MH.

AUGUST 2014 – JUNE 2017

DIPLOMA POLYTECHNICE, (64.81%)

JAMIA POLYTECHNIC (MSBTE), AKKALKUWA, MH.

MAY 2014

SECONDARY SCHOOL CERTIFICATE, (71.66%)

NADWA SARAI INTER COLLEGE (UP BOARD), MAU, UP.