



AMAN KUMAR

amangolu000@gmail.com | 7550917896 | Greater Noida

PROFILE

A B.Tech graduate in Electronics and Communication Engineering from Vit Vellore, with practical experience in IoT, embedded system, and front-end web Development. Proficient in technologies including HTML, CSS, JavaScript, Arduino and MATLAB. Demonstrated ability through successful projects such as a fire-fighting robot, a Spotify clone, and Travel Booking system website.

SKILLS

- HTML, CSS, JavaScript
- React.js
- MySQL Advance
- Operating System
- Power BI
- PYTHON
- Analytical Skills

LANGUAGE

- English
- Spanish
- Hindi

EDUCATION

- **Secondary School** 2008-2018
Assembly Of God Church School Sodepur.
Percentage: 80%
- **Higher Secondary School** 2018-2020
Assembly Of God Church School Sodepur.
Percentage: 80%
- **B. TECH in Electronics and Communication Engineering** 2021-2025
Vellore Institute of technology
CGPA- 7.2

WORK EXPERIENCE

Bokaro Steel Plant

Sept-Oct, 2023

Vocational Trainee Project

- This project provided a comprehensive overview of industrial automation through the study and reporting of SCADA (Supervisory Control and Data Acquisition), PLC (Programmable Logic Controller), and RTU (Remote Terminal Unit) systems.
- It offered valuable insights into how these technologies interact to monitor and control industrial processes in real time.
- The training at Bokaro Steel Plant gave practical exposure to real-world implementation of these systems, enhancing both theoretical knowledge and hands-on understanding.
- The project helped develop skills in automation, system integration, and industrial communication protocols—essential for modern process control systems.

InventModel Technology Solution

Web Developer

August, 2024-Present

- Built responsive web interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
- Developed dynamic and interactive components using React.js, including reusable functional components and hooks for state and side effects.
- Improved page speed and performance by optimizing assets and lazy-loading components where applicable. Utilized React Router for client-side navigation, enabling seamless single-page application (SPA) behavior.

PROJECTS

Spotify Clone Using Html, CSS, Javascript **March–April,2023**

- The Spotify Clone project effectively demonstrates front-end development skills by replicating the core user interface and functionalities of the popular music streaming platform using only HTML, CSS, and JavaScript.
- The project showcases a strong understanding of responsive layout design, custom styling, DOM manipulation, and event handling to mimic real-time music controls such as play and pause

A Project Report On SCADA,PLC AND RTU **Sept–Oct, 2023**

- This project provided a comprehensive overview of industrial automation through the study and reporting of SCADA (Supervisory Control and Data Acquisition), PLC (Programmable Logic Controller), and RTU (Remote Terminal Unit) systems.
- The training at Bokaro Steel Plant gave practical exposure to real-world implementation of these systems, enhancing both theoretical knowledge and hands-on understanding.
- The project helped develop skills in automation, system integration, and industrial communication protocols—essential for modern process control systems.

Antenna Design for UAV/Drone Applications **April–July,2024**

- This project advanced high-performance UAV antenna development using MATLAB and HFSS.
- Future work will address current limitations, aiming for enhanced functionality, resilience, and compatibility with advanced UAV applications.
- This continuous improvement ensures greater performance for drone communication.

Fire Fighting Robot (Invent Model) **Augu- november, 2024**

- We developed a fire-fighting robot, leveraging the Arduino IDE and various sensors for autonomous operation.
- This project demonstrated practical application of embedded systems and robotics in emergency response, showcasing our ability to integrate hardware and software for real-world solutions.
- A significant step towards innovative safety technology.

Travel Agency Booking System (Invent Model) **Dec,2024- Present,**

- To simplify travel planning and booking by providing a user-friendly online platform that allows clients to easily reserve flights, hotels, and tours.
- The platform offers exclusive deals, curated packages, and expert insights on destinations, positioning it as a comprehensive and valuable resource for modern travelers.

CERTIFICATIONS

- MySQL Advance
- Statistics For Data Science
- Power BI For Data Analyst
- MERN FULLSTACK INTERNSHIP PROGRAM
- Google Cloud Computing
- React.js
- Python
- Git and GitHub