

SAMRUDH KISHSAN P M

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OBJECTIVE

As a fresh graduate, I am looking for an opportunity that will enable me to creatively showcase my talents all the while adapting to challenge new skills and processes to build my ideal career.

EDUCATION

B.Tech, Electronics and Communications Engineering December 2020 - May 2024
APJ Abdul Kalam Technological University 7.58 CGPA
Government College of Engineering, Kannur
Relevant coursework: Embedded Systems, Wireless Communication and Internet of Things Architecture.

TECHNICAL SKILLS

Programming: Python(Proficient), C++
Web Development: HTML, CSS, JavaScript
Libraries/Frameworks: React.js, Node.js, Bootstrap
Database: MySQL
Tools: VS code, Git, Figma
Platforms: Vercel

EXPERIENCE

Accelmove Dynamics, Technopark, SBC 8, Thejaswini Building: Intern Feb 2024

- Actively contributed to various projects and initiatives, showcasing a high level of professionalism and adaptability.
- Gained hands-on experience in programming and teamwork within a professional environment.

PROJECTS

Water Quality Monitoring System using LoRaWAN December 2022 – May 2023
Collaborated in a team of four to design and demonstration of a working model.

- Deployed sensors to measure pH, turbidity, and total dissolved solvents with long-range data transmission.
- Designed a centralized dashboard for real-time data visualization and analysis.quality issues.
- Optimized for remote locations with low power consumption and efficient communication..

Pollution Monitoring System for Enhancing Sustainability of Environment using IoT June 2023 - May 2024
Collaborated in a team of four to design and implement an IoT-based pollution monitoring system.

- Monitored air quality, sound pollution, CO levels, and particulate matter with ESP32-CAM for video streaming.
- Developed the Airify Android app for live data visualization, analysis, and remote control streaming.
- Powered by a 15W solar panel and integrated safety measures for high CO levels like a suction pump.
- Used Firebase for real-time data storage and updates.

Personal Web Portfolio June 2024 - Present

- Built a responsive portfolio using React.js, showcasing projects and skills with interactive UI components.
- Implemented React Router and Hooks for navigation and state management.
- Deployed on Vercel, achieving 90+ Lighthouse performance score.
- Portfolio: <https://portfolio-react-steel-nine.vercel.app>